

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:13
First Dose M/F: NA / NA
Lab: TSI MASON

C Number: C55458
Lock Date: 03/25/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 05/26/1992

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:13
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Moribund	DAY ON TEST: 621 HISTO: 852743
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-9]	Joint, Tarsal	Hyperostosis	Moderate
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric [Angiectasis TGLS = 5-5]		Angiectasis	Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin [Fibrosarcoma TGLS = 1-9]	Subcut Tiss	Fibrosarcoma	
* Urinary Bladder Note: NOTED IN THE SUBMUCOSA OF THE BLADDER. Note: VERY SMALL PERIVASCULAR LYMPHOCYtic INFILTRATES WERE		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:13
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Angiectasis	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 1,2-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:13

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 460

DOSE: UNTREATED 71UM

DISP: Interval Sacrifice

HISTO: 84-2559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Mild
* Liver		Fatty Change	Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:13

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 860104
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Parathyroid Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Chronic Active, Minimal
Note: OCCASIONAL PERIVASCULAR AGGREGATES OF LYMPHOCYTES WERE			
Note: NOTED.			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-9]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Nose
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Cyst	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 1-9]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

Note: A VERY SMALL NUMBER OF LYMPHOCYTES WAS NOTED IN A PERI-

Note: VASCULAR SITE IN THE SUBMUCOSA.

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 1-Amino-2,4-dibromoanthraquinone
 CAS Number: 81-49-2

Date Report Requested: 10/23/2014
 Time Report Requested: 02:50:14
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 860106
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Parathyroid Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-9]			
* Urinary Bladder		Calculus Micro Observation Only	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Moribund	DAY ON TEST: 292 HISTO: 841076
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-9]	Joint, Tarsal	Hyperostosis	Marked
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lung		Hemorrhage	Minimal
* Pancreas Note: IN A FOCAL AREA OF THE PANCREAS THERE WAS SOME PINK Note: HOMOGENEOUS MATERIAL WHICH MAY REPRESENT AMYLOID.		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

Harderian Gland [Adenoma TGLS = 11-9]		Adenoma	
* Kidney	Renal Tubule	Inflammation Regeneration Hepatocellular Carcinoma	Chronic Active, Minimal Minimal
* Liver [Hepatocellular Carcinoma TGLS = 9-2.1]		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Moderate
Note: INFILTRATED BY LARGE NUMBERS OF MACROPHAGES. Note: THE INTERSTITIUM AND ALVEOLAR SPACES IN THE LUNG ARE [Alveolar/Bronchiolar Carcinoma TGLS = 7-1.1]			
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 8-5]		Lymphoma Malignant Mixed	
* Nose		Inflammation	Acute, Minimal
* Preputial Gland [Inflammation TGLS = 6-9]		Inflammation	Chronic Active, Mild
* Skin [Fibroma TGLS = 4-10]	Subcut Tiss	Fibroma	
* Stomach, Forestomach		Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 860108
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ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 10-3]	Erosion	Minimal
[Erosion TGLS = 10-3]	Hyperkeratosis	Minimal
[Hyperkeratosis TGLS = 10-3]	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: UNTREATED 71UM **DISP:** Terminal Sacrifice **HISTO:** 860107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Mild
		Regeneration	Mild
Note: ING TUBULES.			
Note: THE HISTOMORPHOLOGIC CHANGES IN THE KIDNEYS WERE GREATER			
Note: OF TUBULAR REGENERATION.			
Note: HOMOGENOUS MATERIAL WITHIN THE TUBULES, AND SMALL FOCI			
Note: PROXIMAL CONVOLUTED TUBULES WITH ACCUMULATION OF A PINK			
Note: THAN CHRONIC INFLAMMATION ALONE; NAMELY, DILATATION OF			
Note: THE PINK HOMOGENEOUS MATERIAL WAS ALSO NOTED IN COLLECT-			
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
Note: EXTENSIVE NECROSIS WAS NOTED IN THE LIVER TUMOR.			
[Hepatocellular Carcinoma TGLS = 4-2.1]			
* Lymph Node, Mesenteric		Angiectasis	Marked
		Hemorrhage	Marked
[Angiectasis TGLS = 3-5]			
[Hemorrhage TGLS = 3-5]			
* Pancreas		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 860107
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ORGAN AND ACCOUNTABLE SITE STATUS			
		Vacuolization Cytoplasmic	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 460
	DOSE: UNTREATED 71UM	DISP: Interval Sacrifice	HISTO: 84-2560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Lymph Node, Mandibular	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Mild
* Lung		Hemorrhage	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Carcinoma TGLS = 5-2]		
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Lym Node Media			
	Note: WAS ACTUALLY A MEDIASTINAL LYMPH NODE RATHER THAN THE		
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-5.1,3-5]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-5.1,3-5]		
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
	Note: EPITHELIOMATOUS HYPERPLASIA.		
	Note: STRUCTURE DEMONSTRATE MINIMAL ACANTHOSIS AND PSEUDO-		
	Note: ACUTE NECROTIZING INFLAMMATION ON THE SURFACE OF THIS		
	Note: EXTENSIVE PSEUDOEPITHELIOMATOUS HYPERPLASIA AND FOCAL		
	Note: THIS IS NOT A CLASSIC SQUAMOUS CELL PAPILOMA. THERE IS		
	Note: PAPILOMA-LIKE STRUCTURE. AREAS ADJACENT TO THIS		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860109

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 2-9]

* Spleen	Lymphoma Malignant Mixed	
* Thymus	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THE STRUCTURE DESCRIBED BY THE PROSECTOR AND TRIMMER

Animal Note: THYMUS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: UNTREATED 71UM

DISP: Moribund

HISTO: 860110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis		Lymphoma Malignant Mixed	
* Gallbladder		Lymphoma Malignant Mixed	
* Heart		Lymphoma Malignant Mixed	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 9-2]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-5.1+5.2,7,8-9,4-5]			
[Lymphoma Malignant Mixed TGLS = 6-5.1+5.2,7,8-9,4-5]			
[Lymphoma Malignant Mixed TGLS = 6-5.1+5.2,7,8-9,4-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-5.1+5.2,7,8-9,4-5]			
Mesentery		Lymphoma Malignant Mixed	
* Pancreas		Lymphoma Malignant Mixed	
		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 2-10]			
* Prostate	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: UNTREATED 71UM

DISP: Moribund

HISTO: 860110

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle
Skeletal Muscle
* Spleen

Intercostal

Inflammation
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Inflammation
Lymphoma Malignant Mixed

Chronic Active, Minimal

Chronic Active, Moderate

Note: NEUTROPHILS.

Note: MIXED CELL TYPE IS ALSO INFILTRATED BY LARGE NUMBERS OF

Note: IN ADDITION TO BEING TRANSFORMED BY A MALIGNANT LYMPHOMA

[Lymphoma Malignant Mixed TGLS = 5-3]

* Testes
* Thymus

[Lymphoma Malignant Mixed TGLS = 10-1]

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 393

DOSE: UNTREATED 71UM

DISP: Moribund

HISTO: 842430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Preputial Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Prox Con Tub	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]	
		[Infiltration Cellular TGLS = 3-1]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 521

DOSE: UNTREATED 71UM

DISP: Moribund

HISTO: 843473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Bone	Joint, Tarsal Cartilage, Tarsal	Hyperostosis Hyperplasia	Marked Mild
			[Hyperostosis TGLS = 1-9] [Hyperplasia TGLS = 1]
* Bone Marrow	Sternal Sternal	Lymphoma Malignant Histiocytic Lymphoma Malignant Undifferentiated Cell Type	
* Brain	Cerebellum Cerebrum	Lymphoma Malignant Undifferentiated Cell Type Necrosis Necrosis	Mild Mild
* Heart		Mineralization	Minimal
* Intestine Small, Ileum		Inflammation Lymphoma Malignant Histiocytic Lymphoma Malignant Undifferentiated Cell Type	Necrotizing, Acute, Moderate
			[Lymphoma Malignant Undifferentiated Cell Type TGLS = 9-6]
* Intestine Small, Jejunum		Lymphoma Malignant Histiocytic	
* Kidney		Lymphoma Malignant Histiocytic	
* Liver		Lymphoma Malignant Histiocytic Lymphoma Malignant Undifferentiated Cell Type Necrosis	Coagulative, Moderate
			[Lymphoma Malignant Undifferentiated Cell Type TGLS = 7,8-2]
* Lung		Hemorrhage	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 521
	DOSE: UNTREATED 71UM	DISP: Moribund	HISTO: 843473

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 2-1]	Lymphoma Malignant Histiocytic	
* Lymph Node, Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Mineralization	Minimal
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 6-5]	Lymphoma Malignant Histiocytic	
* Nose	Lymphoma Malignant Undifferentiated Cell Type	
* Spleen	Inflammation	Acute, Minimal
	Hematopoietic Cell Proliferation	Marked
	Lymphoma Malignant Histiocytic	
	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Moribund	DAY ON TEST: 480 HISTO: 843332
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Parathyroid Gland
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Intestine Large, Cecum	* Intestine Large, Rectum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Inflammation	Chronic Active, Minimal
* Adrenal Medulla		Inflammation	Acute, Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Lymphoma Malignant Undifferentiated Cell Type	
* Intestine Large, Colon		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Chronic Active, Moderate
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
		Depletion Lymphoid	Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
		[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-5.1]	
* Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Edema	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 480

DOSE: UNTREATED 71UM

DISP: Moribund

HISTO: 843332

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Pigmentation

Minimal

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 1-9]	Joint, Tarsal	Hyperostosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Mild
* Liver		Fatty Change	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-1+1.1,2-1.1]		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric [Angiectasis TGLS = 3-5]		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 460
	DOSE: UNTREATED 71UM	DISP: Interval Sacrifice	HISTO: 84-2561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Bone	* Lymph Node, Mandibular
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Minimal
* Preputial Gland	Duct	Dilatation	Mild
* Skin	Subcut Tiss	Inflammation	Acute, Minimal
* Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 860113
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Inflammation	Chronic Active, Minimal
* Kidney	Inflammation	Chronic Active, Minimal
* Liver	Clear Cell Focus	Minimal
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Minimal
* Nose	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: UNTREATED 71UM

DISP: Dead

HISTO: 860112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pituitary Gland
* Stomach, Forestomach	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Moderate
[Hyperostosis TGLS = 1-9]			
* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Moderate
* Epididymis		Lymphoma Malignant Mixed	
* Gallbladder		Lymphoma Malignant Mixed	
* Heart		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4,5,6,7-11+5.1+10+5]			
[Lymphoma Malignant Mixed TGLS = 4,5,6,7-11+5.1+10+5]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4,5,6,7-11+5.1+10+5]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
[Angiectasis TGLS = 5-5.1]			
[Lymphoma Malignant Mixed TGLS = 4,5,6,7-11+5.1+10+5]			
Mesentery		Lymphoma Malignant Mixed	
* Nose		Inflammation	Acute, Minimal
* Pancreas		Lymphoma Malignant Mixed	
* Prostate		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 705
	DOSE: UNTREATED 71UM	DISP: Dead	HISTO: 860112

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Lymphoma Malignant Mixed	
* Seminal Vesicle		Lymphoma Malignant Mixed	
Skeletal Muscle	Intercostal	Lymphoma Malignant Mixed	
* Skin		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-3]			
* Testes		Lymphoma Malignant Mixed	
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Thyroid Gland		Lymphoma Malignant Mixed	
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 445

DOSE: UNTREATED 71UM

DISP: Dead

HISTO: 842496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Epididymis	* Pituitary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum		Autolysis	Moderate
* Intestine Large, Colon		Autolysis	Moderate
* Intestine Large, Rectum		Autolysis	Moderate
* Intestine Small, Duodenum		Autolysis	Moderate
* Intestine Small, Ileum		Autolysis	Moderate
* Intestine Small, Jejunum		Autolysis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Clear Cell Focus	Minimal
		Fatty Change	Moderate
		Hepatocellular Carcinoma	
	[Fatty Change TGLS = 3-2+3.1]		
	[Hepatocellular Carcinoma TGLS = 4-3.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Depletion Lymphoid	Marked
* Pancreas		Autolysis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 445
	DOSE: UNTREATED 71UM	DISP: Dead	HISTO: 842496

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Dilatation TGLS = 1-9]	Duct	Dilatation	Marked
* Spleen [Depletion Lymphoid TGLS = 2-3]		Depletion Lymphoid	Mild
* Urinary Bladder		Autolysis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Mild
* Lymph Node, Mesenteric [Angiectasis TGLS = 3-5]		Angiectasis	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Preputial Gland [Dilatation TGLS = 2-9]	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
[Angiectasis TGLS = 2-5]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.1]			
* Lung		Hemorrhage	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 860114
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Clear Cell Focus	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-1]			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1+1.1]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Angiectasis	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Calculus Micro Observation Only	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Nose
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-2.1]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-1]		
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
	[Angiectasis TGLS = 5-5]		
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
	[Dilatation TGLS = 2-9]		
	[Inflammation TGLS = 2-9]		
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860120

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Mineralization
Inflammation

Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: UNTREATED 71UM

DISP: Dead

HISTO: 860123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Islets, Pancreatic
* Liver	* Lung	* Pancreas	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Gallbladder		Autolysis	Marked
* Intestine Large, Cecum		Autolysis	Mild
* Intestine Large, Rectum		Autolysis	Moderate
* Intestine Small, Duodenum		Autolysis	Marked
* Intestine Small, Ileum		Autolysis	Marked
		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-12]		
* Intestine Small, Jejunum		Autolysis	Moderate
* Kidney		Inflammation	Chronic Active, Minimal
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-11]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-11]		
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Mild
	[Dilatation TGLS = 4-6]		
* Prostate		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Fibrosis	Mild
	[Fibrosis TGLS = 9-8]		
* Skin		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 2,3-10+9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: UNTREATED 71UM

DISP: Dead

HISTO: 860123

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Autolysis

Moderate

* Stomach, Glandular

Autolysis

Marked

* Urinary Bladder

Autolysis

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: UNTREATED 71UM

DISP: Moribund

HISTO: 860122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-2.1]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
		Inflammation	Chronic Active, Moderate
* Preputial Gland			
[Inflammation TGLS = 4-10]			
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 3-9]			
* Testes	Seminif Tub	Mineralization	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-10]	Joint, Tarsal	Hyperostosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
* Lymph Node, Mesenteric		Depletion Lymphoid	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Preputial Gland		Abscess	Marked
	Duct	Dilatation	Moderate
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 460
	DOSE: UNTREATED 71UM	DISP: Interval Sacrifice	HISTO: 84-2566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Bone

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Mild
* Nose		Crystals	Minimal
		Inflammation	Acute, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Nose	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
Note: CASTS. THESE WOULD APPEAR TO BE AREA OF HEALED INFARCTS.			
Note: GENERATING TUBULES, CHRONIC INFLAMMATION AND PROTEINACEOUS			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Note: NUMEROUS FAT CELLS WERE NOTED WITHIN THE MANDIBULAR			
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose			
Note: ONE OF THE INCISOR TEETH SHOWS MODERATE DYSPLASIA.			
* Pancreas		Atrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
[Dilatation TGLS = 3-9]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860125

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPH NODE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Moderate
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Carcinoma	
Note: MODERATE NECROSIS WAS NOTED IN THE HEPATOCELLULAR			
Note: CARCINOMA.			
[Hepatocellular Carcinoma TGLS = 4-2]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Mild
[Angiectasis TGLS = 3-5]			
* Nose	Glands	Crystals	Minimal
Note: EOSINOPHILIC CRYSTALS WERE NOTED WITHIN NASAL GLANDS.			
* Pancreas		Atrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860126

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Depletion Lymphoid

Moderate

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 4-10]			
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 7-6]			
* Islets, Pancreatic		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-5]			
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Liver		Cytoplasmic Alteration	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 8,9-3]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860124

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE INCISOR TEETH SHOWED MARKED DYSPLASIA.

* Pancreas		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic Active, Minimal
	[Dilatation TGLS = 10-9]		
* Prostate		Inflammation	Chronic Active, Minimal
	Note: A MICROSCOPIC CALCULUS WAS OBSERVED WITHIN THE PROSTATIC		
	Note: URETHRA.		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Sarcoma	
	[Sarcoma TGLS = 2-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 860127
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hemangiosarcoma	Multiple
	[Hemangiosarcoma TGLS = 3,4-2]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[Angiectasis TGLS = 2-5]	Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 2-5]		
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Testes	Seminif Tub	Atrophy	Mild
	Seminif Tub	Mineralization	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Nose	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Infiltration Cellular	Histiocyte, Minimal
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 2-5]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
[Angiectasis TGLS = 1-5]			
* Nose			
Note: THE INCISOR TEETH SHOW MINIMAL DYSPLASIA.			
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860130

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1.1]	Hemorrhage	Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose			
	Note: MILD DYSPLASIA.		
	Note: THE INCISOR TEETH VISIBLE IN THE NOSE SECTION REVEAL		
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Testes			
	Note: AGGREGATION OF SPERMATOZOA.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860128

ORGAN AND ACCOUNTABLE SITE STATUS

Note: WITHIN ONE SEMINIFEROUS TUBULE THERE WAS A LARGE

* Thymus

Cyst

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung	Bronchiole	Hyperplasia	Mild
* Pancreas		Cytoplasmic Alteration	Minimal
		Vacuolization Cytoplasmic	Minimal
* Prostate			
Note: SUBMUCOSA OF THE PROSTATIC URETHRA. ALSO THERE WERE			
Note: MICROCALCULI IN THE PROSTATIC URETHRA.			
Note: SMALL AGGREGATES OF MONONUCLEAR CELLS WERE NOTED IN THE			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
Note: FOR THE SECTION EVALUATED, THERE APPEARED			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 460

DOSE: UNTREATED 71UM

DISP: Interval Sacrifice

HISTO: 84-2567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Bone

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Marked
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Ulcer	Acute, Marked
* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic Active, Marked
		Necrosis	Coagulative, Moderate
* Lung		Congestion	Mild
	Peribronchiolr	Inflammation	Chronic, Mild
	Perivascular	Inflammation	Chronic, Mild
Lymph Node	Lumbar	Hyperplasia	Marked
* Nose		Inflammation	Acute, Mild
* Preputial Gland		Inflammation	Chronic Active, Marked
		Squamous Cell Carcinoma	
* Prostate		Inflammation	Chronic Active, Moderate
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Hyperkeratosis	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Urinary Bladder		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 460

DOSE: UNTREATED 71UM

DISP: Interval Sacrifice

HISTO: 84-2567

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Nose
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Kidney		Inflammation	Chronic Active, Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
[Angiectasis TGLS = 2-5]			
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 460
	DOSE: UNTREATED 71UM	DISP: Interval Sacrifice	HISTO: 84-2568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Bone	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Mild
* Testes	Seminif Tub	Atrophy	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

- * Mammary Gland

OBSERVATIONS

* Brain		
Note: IN A FOCAL AREA OF THE MENINGES THERE WERE SMALL AGGREGATES		
Ear	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]		
* Epididymis	Inflammation	Chronic Active, Minimal
* Gallbladder	Inflammation	Chronic Active, Minimal
* Kidney	Inflammation	Chronic Active, Minimal
* Liver	Fatty Change	Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Minimal
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]			
* Lung		Hemorrhage	Minimal
Note: MINOR HEMORRHAGE IN THE LUNG IS PROBABLY AND ARTEFACT			
Note: ASSOCIATED WITH TISSUE HANDLING AT NECROPSY.			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Liver	* Lung	* Lymph Node, Mandibular	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
Eye	Cornea	Inflammation	Chronic Active, Moderate
* Gallbladder		Inflammation	Chronic Active, Minimal
Harderian Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
[Adenoma TGLS = 2-9]			
[Inflammation TGLS = 2-9]			
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Nose	Glands	Crystals	Minimal
		Inflammation	Acute, Minimal
* Pancreas		Cytoplasmic Alteration	Minimal
		Vacuolization Cytoplasmic	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860132

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Infiltration Cellular	Mast Cell, Mild
Note: WERE MAST CELLS SINCE THEY HAD A LIGHT GREY COLOR; HOW- Note: A TOLUIDINE STAIN WAS APPLIED. Note: OCCURRENCE OF SHEETS OF WHAT APPEARED TO BE HISTIOCYTES Note: WITHIN A STERNEBRA. AT FIRST IT WAS THOUGHT THESE CELLS Note: EVER,NO GRANULES COULD BE SEEN IN THE CYTOPLASM, UNTIL Note: A PECULIAR CHANGE OF UNKNOWN SIGNIFICANCE WAS THE			
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Fatty Change	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Parotid GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 458

DOSE: UNTREATED 71UM

DISP: Interval Sacrifice

HISTO: 84-2569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic, Minimal
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
Penis		Inflammation	Acute, Mild
Note: NECROTIZING			
* Preputial Gland		Inflammation	Chronic Active, Marked
* Prostate	Artery	Inflammation	Chronic Active, Marked
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Mild
	Prox Con Tub	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4,5-2+2.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Mild
	[Dilatation TGLS = 2-9]		
	[Inflammation TGLS = 2-9]		
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Parotid GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860137

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Multiple, Minimal
Tooth Note: LATED TO PREVIOUS CHRONIC INFLAMMATION. Note: THE DISTORTION OF THE OUTLINE OF THE INCISOR TEETH IS RE-	Dysplasia	Moderate
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pituitary Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis	Inflammation	Chronic Active, Minimal
* Kidney	Inflammation	Chronic Active, Minimal
* Liver	Clear Cell Focus	Mild
	Inflammation	Chronic Active, Moderate
	Mineralization	Minimal
	Pigmentation	Moderate

Note: THE NODULE IN THE MESENTERY WAS LIVER TISSUE WHICH MAY
 Note: HAVE OCCURRED HERE DUE TO A TWIST OF A LOBE AND INCARCER-
 Note: ATION IN THE MESENTERY.

[Inflammation TGLS = 2-9]
 [Mineralization TGLS = 2-9]
 [Pigmentation TGLS = 2-9]

* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860136

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CELLS WITHIN THE MASS.

Note: THE SKIN OVERLYING THE MASS SHOWED FOCAL ACUTE NECROTIZING

Note: INFLAMMATION. THERE WERE NUMEROUS MONONUCLEAR INFLAMMATORY

[Fibrosarcoma TGLS = 1-9]

* Urinary Bladder

Calculus Micro Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 460

DOSE: UNTREATED 71UM

DISP: Interval Sacrifice

HISTO: 84-2570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Bone	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Mild
		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
* Testes	Seminif Tub	Atrophy	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 1 DOSE: UNTREATED 71UM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 860142
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Pancreas
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Prostate
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OBSERVATIONS

* Intestine Large, Colon	Peyers Patch	Hyperplasia	Mild
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
Note: MILD FATTY CHANGE AND COAGULATIVE NECROSIS WERE NOTED IN			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 1-9]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-2]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal
Tooth		Dysplasia	Marked
* Urinary Bladder		Calculus Micro Observation Only	Moderate
		Inflammation	Chronic Active, Minimal

[Calculus Micro Observation Only TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Inflammation Pigmentation	Chronic Active, Minimal Minimal
* Bone	Joint, Tarsal	Hyperostosis	Mild
[Hyperostosis TGLS = 2-10]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]			
* Lymph Node, Mesenteric		Angiectasis Infiltration Cellular Pigmentation	Mild Histiocyte, Minimal Minimal
* Pancreas		Cytoplasmic Alteration Inflammation Vacuolization Cytoplasmic	Minimal Chronic Active, Minimal Minimal
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-9]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Multiple, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860140

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Calculus Micro Observation Only

Moderate

[Calculus Micro Observation Only TGLS = 5-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney	Prox Con Tub	Inflammation	Chronic Active, Mild
		Regeneration	Mild
<p>Note: THE REGENERATING PCT'S ARE IN A TRIANGULAR SHAPE WITH THE Note: BASE TOWARD THE CORTEX AND THE APEX TOWARD THE MEDULLA. Note: VIOUS INFARCT. Note: THIS SUGGESTS THE BASIS FOR THE LESION MAY HAVE BEEN A PRE-</p>			
* Liver		Hemangiosarcoma	Multiple
<p>Note: FOCI OF THROMBOSIS, HEMORRHAGE, AND NECROSIS WERE NOTED Note: WITHIN THE HEMANGIOSARCOMAS. [Hemangiosarcoma TGLS = 1,3-2+2.1]</p>			
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
<p>[Angiectasis TGLS = 2-5]</p>			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860139

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55	TRT#: 1	SEX: Male	DAY ON TEST: 460
	DOSE: UNTREATED 71UM	DISP: Interval Sacrifice	HISTO: 84-2571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56	TRT#: 1	SEX: Male	DAY ON TEST: 460
	DOSE: UNTREATED 71UM	DISP: Interval Sacrifice	HISTO: 84-2572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Inflammation	Acute, Mild
* Testes	Seminif Tub	Atrophy	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoantraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Stomach, Forestomach	* Testes	* Thyroid Gland

MISSING

* Gallbladder	* Mammary Gland	* Nose	* Thymus
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hemangiosarcoma	Multiple
		Inflammation	Chronic Active, Moderate
		Necrosis	Coagulative, Moderate
[Hemangiosarcoma TGLS = 2,3-2+7]			
Lymph Node	Renal	Angiectasis	Minimal
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Mild
[Angiectasis TGLS = 6-5]			
[Hyperplasia TGLS = 8-10,7-10]			
[Hyperplasia TGLS = 8-10,7-10]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
[Angiectasis TGLS = 6-5]			
* Pancreas		Cytoplasmic Alteration	Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Marked
		Squamous Cell Carcinoma	
[Inflammation TGLS = 1-9]			
[Squamous Cell Carcinoma TGLS = 1-9]			
* Prostate		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860143

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Squamous Cell Carcinoma	Metastatic (Preputial Gland)
* Seminal Vesicle		Inflammation	Chronic, Minimal
[Inflammation TGLS = 5-4]		Inflammation	Chronic Active, Mild
* Skin		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Trachea		Inflammation	Acute, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Inflammation Pigmentation	Chronic Active, Minimal Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Mild
* Kidney		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-9]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-9]			
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-3]			
Tooth		Dysplasia	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860146

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: UNTREATED 71UM	DISP: Terminal Sacrifice	HISTO: 860144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
Tooth		Dysplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	Tissue NOS

MISSING

* Mammary Gland	* Nose
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 1-9]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-2+2.1]			
* Lymph Node, Mandibular		Depletion Lymphoid	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Trachea		Inflammation	Acute, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATED 71UM

DISP: Terminal Sacrifice

HISTO: 860145

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adren Cortex			
Note: SPINDLE CELL HYPERPLASIA IN THE ADRENAL CORTEX WAS			
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
	[Pigmentation TGLS = 6-3]	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
Note: HEPATOCYTES ELSEWHERE IN THE LIVER.			
Note: MAINLY IN THE LIVER TUMORS; BUT WERE ALSO VISIBLE IN			
Note: THE AGGREGATES OF DARK BROWN PIGMENT WERE CONCENTRATED			
	[Hepatocellular Adenoma TGLS = 3,4,5-2+2.1+2.2]		
	[Pigmentation TGLS = 2-2+2.1+2.2]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860543

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Squamous Cell Carcinoma	
	Squamous Cell Papilloma	
[Squamous Cell Carcinoma TGLS = 8-3.1]		
[Squamous Cell Papilloma TGLS = 8-3.1]		
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: ON PREVIOUS ANIMALS IN THIS STUDY AND VIRTUALLY
Animal Note: EVERY FEMALE DEMONSTRATES THE CHANGE.
Animal Note: NOT KEPT TRACK OF BECAUSE IT WAS NOT KEPT TRACK OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 62

TRT#: 2

SEX: Male

DAY ON TEST: 505

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 843458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Marked
* Kidney		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Hepatocellular Carcinoma TGLS = 4-2+2.1]		
	[Squamous Cell Carcinoma TGLS = 5-2+2.1]		
* Lung		Hemorrhage	Minimal
		Inflammation	Acute, Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 9-1]		
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
		Inflammation	Chronic Active, Marked
	Mesentery		
	[Inflammation TGLS = 6-9]		
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Moderate
Skeletal Muscle	Diaphragm	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 2

SEX: Male

DAY ON TEST: 505

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 843458

ORGAN AND ACCOUNTABLE SITE STATUS

Note: METASTATIC SQUAMOUS CELL CARCINOMAS.

Note: MATORY LESIONS IN THE ADHERENT MESENTERY RATHER THAN

Note: SOME OF THE NODULES ON THE DIAPHRAGM REPRESENT INFLAM-

[Squamous Cell Carcinoma TGLS = 6-9]

* Spleen

Hematopoietic Cell Proliferation

Marked

Necrosis

Coagulative, Minimal

[Hematopoietic Cell Proliferation TGLS = 2-3]

* Stomach, Forestomach

Squamous Cell Carcinoma

[Squamous Cell Carcinoma TGLS = 3-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 63

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 673

HISTO: 860546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
* Bone			
Note: SECTION EVALUATED.			
Note: DESPITE THE OBSERVATION OF THE PROSECTOR THAT THE			
Note: TARSAL JOINT WAS BRITTLE NO LESION WAS OBSERVED IN THE			
* Brain	Thalamus	Mineralization	Minimal
Coagulating Gland		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Epididymis		Inflammation	Chronic Active, Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Gallbladder		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 15-2]			
* Heart		Inflammation	Chronic, Mild
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Mineralization	Minimal
		Necrosis	Coagulative, Minimal
	Renal Tubule	Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Pigmentation TGLS = 13-3]			
[Squamous Cell Carcinoma TGLS = 20-3]			
* Liver		Eosinophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 63

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 673

HISTO: 860546

ORGAN AND ACCOUNTABLE SITE STATUS

Bile Duct	Hyperplasia Pigmentation Squamous Cell Carcinoma	Mild Minimal Metastatic (Stomach, Forestomach)
[Pigmentation TGLS = 19-2.1] [Squamous Cell Carcinoma TGLS = 16+18-2+2.1]		
* Lung	Alveolar/Bronchiolar Adenoma Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 8,9-1+1.1]		
Lymph Node Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 7-5]		
* Lymph Node, Mesenteric	Angiectasis Infiltration Cellular Inflammation Pigmentation	Minimal Histiocyte, Minimal Chronic Active, Moderate Minimal
[Angiectasis TGLS = 12-5] [Inflammation TGLS = 12-5]		
* Pancreas	Atrophy	Moderate
* Prostate	Inflammation	Chronic Active, Minimal
* Salivary Glands	Inflammation	Chronic, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 10-3]		
* Stomach, Forestomach	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 11-3.1]		
* Stomach, Glandular	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 11-3.1]		
* Thymus	Depletion Lymphoid	Moderate
* Urinary Bladder	Autolysis Inflammation	Mild Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Intestine Small, Ileum		Adenocarcinoma Lymphoma Malignant Undifferentiated Cell Type	
<p>Note: OMA IN THE ILEUM. Note: A PEYERS PATCH IN THE ILEUM WAS TRANSFORMED BY MALIGNANT [Adenocarcinoma TGLS = 9-6.1] [Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-6.1]</p>			
* Kidney	Renal Tubule	Inflammation Pigmentation	Chronic Active, Minimal Minimal
<p>[Pigmentation TGLS = 6-3]</p>			
* Liver		Hepatocellular Adenoma Pigmentation	Multiple Minimal
<p>[Hepatocellular Adenoma TGLS = 3,4,5-2+2.1+2.2] [Pigmentation TGLS = 2-2+2.1+2.2]</p>			
* Nose		Inflammation	Acute, Minimal
* Pancreas		Vacuolization Cytoplasmic	Mild
* Prostate		Inflammation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
* Stomach, Forestomach		Inflammation Squamous Cell Carcinoma	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860544

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 10-3.1]	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 10-9]		
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPOMA AND IN ADDITION THERE WAS A INVASIVE ADENOCARCIN-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 65

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 673

HISTO: 860545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Islets, Pancreatic
* Thyroid Gland

* Adrenal Medulla
* Gallbladder
* Parathyroid Gland
* Trachea

* Bone
* Heart
* Prostate

* Bone Marrow
* Intestine Large, Rectum
* Testes

MISSING

* Mammary Gland

* Nose

* Thymus

OBSERVATIONS

* Brain
* Epididymis
* Intestine Large, Cecum
* Intestine Large, Colon
* Intestine Small, Duodenum
* Intestine Small, Ileum
* Intestine Small, Jejunum
* Kidney

Thalamus

Mineralization
Inflammation
Mast Cell Tumor Malignant
Mast Cell Tumor Malignant
Mast Cell Tumor Malignant
Mast Cell Tumor Malignant
Mast Cell Tumor Malignant
Glomerulosclerosis
Inflammation
Mast Cell Tumor Malignant
Pigmentation
Regeneration

Minimal
Chronic Active, Minimal

Minimal
Chronic Active, Minimal

Minimal
Minimal

[Pigmentation TGLS = 13-3]

* Liver

Hepatocellular Adenoma
Necrosis
Pigmentation

Coagulative, Minimal
Minimal

Note: THE BROWN PIGMENT OBSERVED WAS MORE PROMINENT IN THE

[Hepatocellular Adenoma TGLS = 17-2]

[Pigmentation TGLS = 15-2]

* Lung

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma

Multiple

[Alveolar/Bronchiolar Adenoma TGLS = 6,8-1.1]

[Alveolar/Bronchiolar Carcinoma TGLS = 7-1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 2	SEX: Male	DAY ON TEST: 673
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 860545

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Mast Cell Tumor Malignant TGLS = 3-5,12-5]		Mast Cell Tumor Malignant	
* Lymph Node, Mesenteric [Hyperplasia TGLS = 12-5] [Mast Cell Tumor Malignant TGLS = 3-5,12-5]		Angiectasis Hyperplasia Mast Cell Tumor Malignant	Mild Lymphoid, Marked
* Pancreas		Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin		Mast Cell Tumor Malignant	
* Spleen [Hematopoietic Cell Proliferation TGLS = 10-3] [Mast Cell Tumor Malignant TGLS = 10-3]		Hematopoietic Cell Proliferation Mast Cell Tumor Malignant	Moderate
* Stomach, Forestomach Note: THE FORESTOMACH. [Squamous Cell Carcinoma TGLS = 18-3.1]		Acanthosis Mast Cell Tumor Malignant Squamous Cell Carcinoma Squamous Cell Papilloma Ulcer	Minimal Minimal
* Stomach, Glandular		Mast Cell Tumor Malignant	
* Urinary Bladder		Mast Cell Tumor Malignant	

PRIMARY CAUSE OF DEATH -

Animal Note: IN SECTION 3 THERE WAS A SMALL SESSILE SQUAMOUS POLYP IN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66

TRT#: 2

SEX: Male

DAY ON TEST: 613

DOSE: 1.0% 71LM

DISP: Dead

HISTO: 852744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Gallbladder		Autolysis	Marked
* Intestine Large, Cecum		Autolysis	Moderate
* Intestine Large, Colon		Autolysis	Moderate
* Intestine Large, Rectum		Autolysis	Moderate
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 12,13-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 8-1]		
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
Mesentery		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 4-2.1+4+5]		
* Pancreas		Inflammation	Chronic Active, Marked
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	

Note: WERE VISIBLE IN THE FORESTOMACH.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 2	SEX: Male	DAY ON TEST: 613
	DOSE: 1.0% 71LM	DISP: Dead	HISTO: 852744

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE SQUAMOUS CELL CARCINOMA OF THE FORESTOMACH HAS
[Squamous Cell Carcinoma TGLS = 9-3.1]

* Stomach, Glandular

Inflammation

Chronic Active, Mild

Note: GLANDULAR STOMACH.

* Urinary Bladder

Autolysis

Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: GROWN BY EXTENSION INTO THE MUSCULARIS EXTERNA OF THE

Animal Note: BOTH A SQUAMOUS PAPILLOMA AND A SQUAMOUS CELL CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 2	SEX: Male	DAY ON TEST: 458
	DOSE: 1.0% 71LM	DISP: Interval Sacrifice	HISTO: 85-0155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration Fatty Change Inflammation Pigmentation	Moderate Minimal Acute, Minimal Minimal
* Lung Mesentery		Alveolar/Bronchiolar Adenoma Inflammation Necrosis	Chronic, Mild Coagulative, Moderate
* Stomach, Forestomach		Acanthosis Hyperkeratosis	Minimal Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 860548
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Moderate
Note: IN ADDITION TO THE HYPEROSTOSES THERE WAS EVIDENCE OF Note: PROLIFERATION OF SYNOVIAL EPITHELIUM IN THE TARSAL JOINT. [Hyperostosis TGLS = 2-9]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 6,7,8-2+2.1+2.2] [Pigmentation TGLS = 5-2+2.1+2.2]			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860548

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperkeratosis

Minimal

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 9-3.1]

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 2

SEX: Male

DAY ON TEST: 689

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Colon	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Thymus	

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Intestine Large, Cecum	Serosa	Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Hepatocellular Adenoma TGLS = 11,14-2+2.2]		
	[Hepatocellular Carcinoma TGLS = 13-2.1]		
	[Squamous Cell Carcinoma TGLS = 7,12-2+2.1+2.2]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Pancreas		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
		Vacuolization Cytoplasmic	Minimal
* Seminal Vesicle		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 689

HISTO: 860549

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-4]	Fibrosis	Mild
[Fibrosis TGLS = 4-4]	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-4]		
* Skin	Inflammation	Chronic Active, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hematopoietic Cell Proliferation TGLS = 3-3.1]		
[Squamous Cell Carcinoma TGLS = 2-3.1]		
* Stomach, Forestomach	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 6-3.2,6-3.2+3.2.1]		
* Stomach, Glandular	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 6-3.2,6-3.2+3.2.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Pituitary Gland
* Trachea			

MISSING

* Mammary Gland	* Preputial Gland
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OBSERVATIONS

* Adrenal Medulla		Lymphoma Malignant Mixed	
* Bone Marrow	Sternal	Lymphoma Malignant Mixed	
* Brain		Lymphoma Malignant Mixed	
* Epididymis		Lymphoma Malignant Mixed	
* Gallbladder		Lymphoma Malignant Mixed	
* Heart		Lymphoma Malignant Mixed	
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
		Pigmentation	Minimal
		[Hepatocellular Carcinoma TGLS = 10-2.1]	
		[Pigmentation TGLS = 11-2+2.1]	
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 6-5,8-5,2,3-9+10,5-5,9-9]	
		[Lymphoma Malignant Mixed TGLS = 6-5,8-5,2,3-9+10,5-5,9-9]	
		[Lymphoma Malignant Mixed TGLS = 6-5,8-5,2,3-9+10,5-5,9-9]	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860547

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 6-5,8-5,2,3-9+10,5-5,9-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-5,8-5,2,3-9+10,5-5,9-9]			
* Pancreas		Lymphoma Malignant Mixed	
* Prostate		Lymphoma Malignant Mixed	
* Salivary Glands	Submandibul GI	Lymphoma Malignant Mixed	
* Seminal Vesicle		Lymphoma Malignant Mixed	
* Skin		Lymphoma Malignant Mixed	
Note: OF LYMPHOMA FOR A PREPUCIAL GLAND.			
Note: THE PROSECTOR APPARENTLY MISTOOK SUBCUTANEOUS INFILTRATES			
[Lymphoma Malignant Mixed TGLS = 4-9]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-3.1]			
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Squamous Cell Papilloma	
		Ulcer	Mild
[Acanthosis TGLS = 12-3.2]			
[Hyperkeratosis TGLS = 12-3.2]			
[Squamous Cell Papilloma TGLS = 12-3.2]			
[Ulcer TGLS = 12-3.2]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Testes		Lymphoma Malignant Mixed	
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

Animal Note: INGUINAL LYMPH NODES WERE AFFECTED BY MALIGNANT LYMPHOMA

Animal Note: LYMPH NODES FOR MAMMARY TISSUE. BOTH THE LEFT AND RIGHT

Animal Note: THE PROSECTOR APPARENTLY MISTOOK NEOPLASTIC INGUINAL

Animal Note: MIXED TYPE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 633

HISTO: 852765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 12-2.1]		
	[Pigmentation TGLS = 11-2+2.1]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Dilatation	Mild
	[Dilatation TGLS = 13-6]		
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Cyst	Mild
	Subcut Tiss	Fibrosarcoma	

Note: THE PREPUCIAL GLAND DUCTS ARE DILATED AND THERE IS ALSO

Note: WHAT THE PROSECTOR OBSERVED.

Note: A CYST SEPARATE FROM THE GLAND ITSELF, WHICH IS PROBABLY

[Cyst TGLS = 13-6]

[Fibrosarcoma TGLS = 3-9+9.1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 2	SEX: Male	DAY ON TEST: 633
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 852765

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 5-3]	Hematopoietic Cell Proliferation	Mild
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Mild
		Necrosis	Coagulative, Moderate
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 4,6,7-2]		
	[Hepatocellular Carcinoma TGLS = 5-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1.1]		
	[Hemorrhage TGLS = 1-1.1]		
* Lymph Node, Mandibular		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860550

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Minimal

Pigmentation

Minimal

* Pancreas

Ectopic Liver

Note: TISSUE ADJACENT TO THE PANCREAS. THE LIVER SHOWED EXTEN-

Note: ATIVE CHANGES.) BECAUSE THERE WAS NO WAY TO ENTER THE

Note: WHAT APPEARED TO BE AN ECTOPIC PIECE OF LIVER WAS IN THE

Note: COMPOUND RELATED PIGMENT SEEN IN THE LIVERS OF ADBAQ

Note: TREATED RATS.

Note: WAS LIGHT YELLOW IN CONTRAST WITH THE DARK BROWN

Note: THE PIGMENT ASSOCIATED WITH THE ECTOPIC PIECE OF LIVER

Note: LESIONS WERE ENTERED UNDER LIVER.

Note: LATER CHANGES UNDER ECTOPIC LIVER IN THE PANCREAS THE

Note: SIVE NECROSIS, MINERALIZATION, AND PIGMENTATION (DEGENER-

[Ectopic Liver TGLS = 2-5]

* Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 8-7]

* Prostate

Inflammation

Chronic Active, Minimal

* Skin

Inflammation

Chronic Active, Minimal

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Calculus Micro Observation Only

Mild

Inflammation

Chronic Active, Minimal

[Calculus Micro Observation Only TGLS = 9-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 654

HISTO: 860552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Moderate
[Hyperostosis TGLS = 2-9]			
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 14,15,19-2+2.1]			
[Pigmentation TGLS = 13-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-1.1]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Inflammation	Chronic Active, Minimal
	Renal	Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 17-11]			
[Inflammation TGLS = 18-1.1,12-5,17-11]			
[Inflammation TGLS = 18-1.1,12-5,17-11]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 2

SEX: Male

DAY ON TEST: 654

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860552

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 18-1.1,12-5,17-11]	Inflammation	Chronic Active, Moderate
* Pancreas	Pigmentation	Minimal
* Prostate	Inflammation	Chronic Active, Minimal
* Skin	Vacuolization Cytoplasmic	Mild
Note: OF THE PREPUCIAL GLAND FOR PREPUCIAL GLAND.	Inflammation	Chronic Active, Minimal
Note: THE PROSECTOR APPARENTLY MISTOOK A SKIN MASS IN THE AREA	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-10]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 9-3.1]		
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Thymus	Depletion Lymphoid	Mild
* Urinary Bladder	Hyperplasia	Minimal
Transit Epithe	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74	TRT#: 2	SEX: Male	DAY ON TEST: 460
	DOSE: 1.0% 71LM	DISP: Interval Sacrifice	HISTO: 85-0156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Kidney

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal

Note: VACUOLES IN THE CYTOPLASM OF HEPATOCYTES ELSEWHERE IN THE
 Note: LIVER. IN THE 15 MONTH AND 90 DAY STUDIES, THE CENTRI-
 Note: LOBULAR CYTOPLASMIC ALTERATION WAS RELATED TO GLYCOGEN
 Note: DEPLETION.

Note: CYTOPLASM IN CENTRIOBULAR AREAS, IN CONTRAST WITH
 Note: INCREASED NUMBERS OF CLEFTS, IRREGULAR SPACES, AND
 Note: THE CENTRIOBULAR CYTOPLASMIC ALTERATION WAS CHARACTER-
 Note: IZED BY A MORE HOMOGENOUS AND GRANULAR APPEARANCE TO THE
 [Hepatocellular Adenoma TGLS = 5,6-2+2.1]

* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860551

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Pigmentation	Minimal
Penis		Inflammation	Acute, Minimal
[Hemorrhage TGLS = 2-9]		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 7-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 572

HISTO: 850269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Esophagus	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Moderate
[Hyperplasia TGLS = 9-6]			
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Moderate
Note: EXTENSIVE THAN THAT OBSERVED IN OTHER MICE AND INCLUDED			
Note: THE PIGMENTATION IN THE KIDNEY OF THIS MOUSE IS MORE			
Note: IN ADDITION IN FOCAL CORTICAL AREAS THERE WAS TUBULAR			
[Pigmentation TGLS = 10-3]			
* Liver		Fibrosis	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Mild
		Pigmentation	Mild
[Hepatoblastoma TGLS = 14-2]			
[Hepatocellular Adenoma TGLS = 13,15-3.1]			
[Pigmentation TGLS = 12-2+3.1]			
Mesentery		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76

TRT#: 2

SEX: Male

DAY ON TEST: 572

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 850269

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6-9]

* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

[Hematopoietic Cell Proliferation TGLS = 7-3]

* Urinary Bladder		Inflammation	Chronic Active, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 2	SEX: Male	DAY ON TEST: 612
	DOSE: 1.0% 71LM	DISP: Dead	HISTO: 852745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Jejunum	* Mammary Gland	* Prostate	* Thymus
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Hepatocellular Carcinoma TGLS = 11-2.1]			
[Pigmentation TGLS = 10-2+2.1]			
Lymph Node	Renal	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 6-5.1,7-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 6-5.1,7-9]			
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-3.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 458 HISTO: 85-0157
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration Hepatocellular Carcinoma Inflammation Necrosis Pigmentation	Mild Acute, Minimal Coagulative, Mild Minimal
* Lung		Alveolar/Bronchiolar Adenoma Inflammation	Chronic Active, Mild
* Stomach, Glandular	Muscularis	Mineralization	Mild
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 2	SEX: Male	DAY ON TEST: 451
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 842538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Skin
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 8-9]	
		[Pigmentation TGLS = 4-2+9]	
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 6,7-7]	
* Preputial Gland	Duct	Dilatation	Marked
		[Dilatation TGLS = 2-9]	
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Moribund

DAY ON TEST: 451
HISTO: 842538

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 3,4,6,7,8-2+2.1+2.2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-1.1]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Depletion Lymphoid	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

Note: THE FIXATIVE.

Note: THELIUM COULD BE RELATED TO POOR INSTALLATION OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860553

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE APPARENT THICKENING OF THE TRANSITIONAL EPI-

Note: DIFFUSELY THICKENED.

Note: THE EPITHELIAL LINING OF THE BLADDER APPEARS TO BE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 9-6]			
* Intestine Small, Duodenum	Peyers Patch	Inflammation	Granulomatous, Chronic, Moderate
[Inflammation TGLS = 8-6+6.1,7-6]			
* Intestine Small, Ileum	Peyers Patch	Inflammation	Granulomatous, Chronic, Moderate
[Inflammation TGLS = 8-6+6.1,7-6]			
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Granulomatous, Chronic, Moderate
[Inflammation TGLS = 8-6+6.1,7-6]			
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 10,12-2+2.1]			
[Hepatocellular Carcinoma TGLS = 11-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860554

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Inflammation TGLS = 6-5]		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Spleen [Inflammation TGLS = 4+5-3]		Inflammation	Chronic Active, Mild
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 13-3.1]		Squamous Cell Papilloma	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 5,7,8-2+2.1]		
	[Pigmentation TGLS = 6-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]		
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Dilatation	Moderate
	[Dilatation TGLS = 3-9]		
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860556

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 2	SEX: Male	DAY ON TEST: 460
	DOSE: 1.0% 71LM	DISP: Interval Sacrifice	HISTO: 85-0158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration Inflammation Necrosis Pigmentation	Moderate Acute, Minimal Coagulative, Minimal Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Ear	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 7-2+2.1]		
	[Hepatocellular Carcinoma TGLS = 6-2]		
	[Pigmentation TGLS = 8-2+2.1]		
* Lung		Hemorrhage	Minimal
	Note: MINOR HEMORRHAGES IN THE LUNG ARE PROBABLY RELATED TO		
	Note: HANDLING AT NECROPSY.		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
	[Inflammation TGLS = 5-5]		
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860555

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Fibrosis	Mild
		Inflammation	Chronic Active, Moderate
Note: THE SURFACE OF THE FIBROSARCOMA SHOWED MARKED NECROSIS			
Note: AND ACUTE INFLAMMATION. THE MODERATE ACUTE NECROTIZING			
Note: ANIMAL.			
Note: INFLAMMATION AND FIBROSIS REFERS TO DORSAL LESIONS ON THE			
	[Fibrosarcoma TGLS = 2-9]		
	[Fibrosis TGLS = 3-10]		
	[Inflammation TGLS = 3-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 4-3]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 10-3.1]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Calculus Micro Observation Only	Mild
	[Calculus Micro Observation Only TGLS = 9-1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Moribund	DAY ON TEST: 583 HISTO: 860194
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-10]	Joint, Tarsal	Hyperostosis	Marked
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder [Pigmentation TGLS = 15-2]	Epithelium	Pigmentation	Minimal
Harderian Gland [Adenoma TGLS = 17-9]		Adenoma	
* Kidney	Renal Tubule	Inflammation Pigmentation	Chronic Active, Mild Minimal
* Liver [Hepatocellular Adenoma TGLS = 16-2]		Hepatocellular Adenoma Pigmentation Squamous Cell Carcinoma	Minimal Metastatic (Stomach, Forestomach)
* Lung		Alveolar/Bronchiolar Adenoma Foreign Body Granuloma	Minimal Minimal
Note: A SMALL POLARIZABLE FOREIGN BODY WAS SURROUNDED BY Note: HISTIOCYTES.			
Lym Node Media Note: MEDIASTINAL LYMPH NODE.			
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 583

HISTO: 860194

ORGAN AND ACCOUNTABLE SITE STATUS

Mediastinal	Pigmentation	Minimal
Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Note: CULARIS INTO A MESENTERIC LYMPH NODE ADHERENT TO THE Note: MESENTERIC LYMPH NODE ON THE SEROSA SURFACE OF THE [Squamous Cell Carcinoma TGLS = 6-9]		
* Lymph Node, Mandibular	Depletion Lymphoid	Moderate
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Minimal
	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Note: CULARIS INTO A MESENTERIC LYMPH NODE ADHERENT TO THE Note: MESENTERIC LYMPH NODE ON THE SEROSA SURFACE OF THE [Squamous Cell Carcinoma TGLS = 6-9]		
Mesentery	Inflammation	Chronic Active, Mild
	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	Thrombosis	Marked
Note: THE MESENTERY SURROUNDING THE ADRENAL. Note: A SMALL ISLAND OF SQUAMOUS CELL CARCINOMA WAS NOTED [Inflammation TGLS = 11-5] [Thrombosis TGLS = 11-5]		
* Pancreas	Vacuolization Cytoplasmic	Mild
* Preputial Gland	Dilatation	Moderate
	Inflammation	Chronic Active, Minimal
[Dilatation TGLS = 4-6]		
* Prostate	Inflammation	Chronic Active, Minimal
* Salivary Glands	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 8-3]		
* Stomach, Forestomach	Squamous Cell Carcinoma	
Note: FORESTOMACH WAS INCLUDED WITH THE MEDIASTINAL LN [Squamous Cell Carcinoma TGLS = 12,18-3.1]		
* Stomach, Glandular	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85

TRT#: 2

SEX: Male

DAY ON TEST: 583

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860194

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: NOT ALLOW A REPEAT MORPHOLOGY FOR A METASTATIC SITE
Animal Note: CARCINOMA WHICH HAS INVADED ENTIRELY THROUGH THE MUS-
Animal Note: METASTASIS. TGL 6-9 APPLIES SPECIFICALLY TO THE
Animal Note: THIS IS A VERY AGGRESSIVE AND INVASIVE SQUAMOUS CELL
Animal Note: THE PEIS SYSTEM AS IT IS CURRENTLY STRUCTURED, WILL
Animal Note: EXTERNAL SURFACE OF THE STOMACH.
Animal Note: IN A LYMPH NODE; THEREFORE THE METASTASIS TO A

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 2	SEX: Male	DAY ON TEST: 458
	DOSE: 1.0% 71LM	DISP: Interval Sacrifice	HISTO: 85-0159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration Hepatocellular Adenoma Inflammation Necrosis Pigmentation	Moderate Acute, Minimal Coagulative, Minimal Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Thymus

* Adrenal Medulla
* Intestine Large, Cecum
* Intestine Small, Ileum
* Nose
* Thyroid Gland

* Bone
* Intestine Large, Colon
* Intestine Small, Jejunum
* Prostate
* Trachea

* Bone Marrow
* Intestine Large, Rectum
* Islets, Pancreatic
* Testes

MISSING

* Mammary Gland

* Parathyroid Gland

* Pituitary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic Active, Mild
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
	[Hemangiosarcoma TGLS = 5,6-2+2.1]		
	[Hepatocellular Adenoma TGLS = 5,10,7-2+2.2]		
	[Hepatocellular Carcinoma TGLS = 6-2.1]		
	[Pigmentation TGLS = 8-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 9-1.1]		
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Histiocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860557

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 4-5] [Infiltration Cellular TGLS = 4-5]		Pigmentation	Minimal
* Pancreas * Preputial Gland [Inflammation TGLS = 2-9]		Vacuolization Cytoplasmic Inflammation	Minimal Chronic Active, Mild
* Salivary Glands * Seminal Vesicle	Submandibul GI	Inflammation Fibrosis	Chronic, Minimal Mild
* Skin Note: ADJACENT TO THE PREPUTIAL GLAND. Note: THE SKIN AFFECTED BY THE CHRONIC ACTIVE INFLAMMATION WAS		Inflammation Inflammation	Chronic Active, Minimal Chronic Active, Minimal
* Spleen		Depletion Lymphoid Hemangiosarcoma	Marked
[Hemangiosarcoma TGLS = 3-3]			
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 11-3]		Squamous Cell Papilloma	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 2

SEX: Male

DAY ON TEST: 152

DOSE: 1.0% 71LM

DISP: Dead

HISTO: 834069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Bone Marrow	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Pigmentation	Minimal
Note: BROWN PIGMENT GRANULES WERE OBSERVED IN SCATTERED			
Note: MACROPHAGES AND OCCASIONAL HEPATOCYTES.			
[Pigmentation TGLS = 7-2]			
* Preputial Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 9-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: THE IMMEDIATE CAUSE OF DEATH WAS NOT APPARENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 89

TRT#: 2

SEX: Male

DAY ON TEST: 618

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 852746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney	Artery	Inflammation	Chronic Active, Mild
	Renal Tubule	Necrosis	Fibrinoid, Mild
* Liver		Pigmentation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 14-2]	
		[Hepatocellular Carcinoma TGLS = 13-2.1]	
		[Pigmentation TGLS = 12-2+2.1]	
* Lung		Hemorrhage	Minimal
		[Hemorrhage TGLS = 6-1]	
* Lymph Node, Mesenteric		Congestion	Minimal
		[Congestion TGLS = 9-5]	
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Minimal
		[Dilatation TGLS = 3-3.1]	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 2	SEX: Male	DAY ON TEST: 618
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 852746

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 5-4]	Artery	Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Thrombosis	Marked
[Acanthosis TGLS = 16-3.1]		Abscess	Minimal
[Hyperkeratosis TGLS = 16-3.1]		Acanthosis	Minimal
* Stomach, Glandular		Hyperkeratosis	Minimal
* Thymus		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
		Depletion Lymphoid	Marked
		Infiltration Cellular	Histiocyte, Mild
		Pigmentation	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Moribund	DAY ON TEST: 648 HISTO: 860558
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Pigmentation TGLS = 11-3]			
* Liver		Basophilic Focus	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal

Note: HEPATOCELLULAR CARCINOMA WAS ALSO CONSIDERED.

Note: CARCINOMA. THE POSSIBILITY OF AN HEPATOBLASTOMA IN THE

Note: WHICH WERE CONSIDERED TO BE PART OF THE HEPATOCELLULAR

Note: SECTION 2B WERE SOME VERY POORLY DIFFERENTIATED ELEMENTS

Note: WITHIN THE MIDST OF THE HEPATOCELLULAR CARCINOMA IN

[Hepatocellular Carcinoma TGLS = 13,14-2.1+2.2]

[Pigmentation TGLS = 15-2+2.1+2.2]

* Lung	Alveolar/Bronchiolar Adenoma
--------	------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 2	SEX: Male	DAY ON TEST: 648
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 860558

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 17-1.1]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
[Angiectasis TGLS = 10-5]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-9]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Necrosis	Coagulative, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 2

SEX: Male

DAY ON TEST: 464

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 843318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Heart
* Intestine Small, Ileum
* Parathyroid Gland
* Trachea

* Bone
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Seminal Vesicle

* Bone Marrow
* Intestine Large, Colon
* Islets, Pancreatic
* Skin

* Esophagus
* Intestine Small, Duodenum
* Nose
* Thyroid Gland

MISSING

* Intestine Large, Rectum

* Lymph Node, Mandibular

* Mammary Gland

* Thymus

INSUFFICIENT TISSUE

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex
* Brain
* Epididymis
* Gallbladder

Thalamus

Sarcoma
Mineralization
Sarcoma
Sarcoma

Metastatic (Stomach, Forestomach)
Minimal
Metastatic (Stomach, Forestomach)
Metastatic (Stomach, Forestomach)

[Sarcoma TGLS = 11-2]

* Kidney

Renal Tubule

Inflammation
Pigmentation
Hyperplasia
Hypertrophy
Necrosis
Pigmentation

Chronic Active, Minimal
Minimal
Mild
Mild
Coagulative, Minimal
Mild

* Liver

Bile Duct
Centrilobular, Hepatocyte

Sarcoma
Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)
Metastatic (Tissue Nos)

[Pigmentation TGLS = 12-2]

* Lung

Sarcoma

Metastatic (Stomach, Forestomach)

* Lymph Node, Mesenteric

Sarcoma

Metastatic (Stomach, Forestomach)

[Sarcoma TGLS = 8-5]

Mesentery

Sarcoma

Metastatic (Stomach, Forestomach)

[Sarcoma TGLS = 6-4+5+5.1]

* Pancreas

Sarcoma

Metastatic (Stomach, Forestomach)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 2	SEX: Male	DAY ON TEST: 464
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 843318

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 9-5.1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skeletal Muscle	Diaphragm	Sarcoma	Metastatic (Stomach, Forestomach)
[Sarcoma TGLS = 13-9]			
* Spleen		Depletion Lymphoid Mesothelioma Malignant	Mild
[Depletion Lymphoid TGLS = 7-3]			
[Mesothelioma Malignant TGLS = 1]			
* Stomach, Forestomach		Leiomyosarcoma	
* Stomach, Glandular		Sarcoma	
[Sarcoma TGLS = 10,14-3.1]			
* Testes		Sarcoma	Metastatic (Stomach, Forestomach)
Tissue NOS		Squamous Cell Carcinoma	

Note: FRAGMENTS OF THE TUMOR WERE ON SLIDES 1 and 5.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 2

SEX: Male

DAY ON TEST: 633

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 852766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Pigmentation	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
Note: TO A LESSER EXTENT IN THE LUMEN OF THE TUBULES.			
Note: CYTOPLASM OF THE PROXIMAL CONVOLUTED TUBULES AND			
Note: THE PIGMENT IN THE KIDNEYS WAS MAINLY IN THE			
[Pigmentation TGLS = 8-3]			
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 11-2+2.2]			
[Pigmentation TGLS = 9-2+2.1+2.2]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 5-1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 2-2.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92

TRT#: 2

SEX: Male

DAY ON TEST: 633

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 852766

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Spleen	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 6-2]	
		[Hepatocellular Carcinoma TGLS = 7,8-2+2.1]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]	
* Lymph Node, Mesenteric		Angiectasis	Mild
		[Angiectasis TGLS = 5-5]	
* Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic Active, Mild
		[Dilatation TGLS = 3-10]	
		[Inflammation TGLS = 3-10]	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
		Note: SKIN COVERING THE SURFACE OF THE MASS REVEALS ACUTE	
		Note: NECROTIZING INFLAMMATION.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860560

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 2-9]

* Stomach, Forestomach

Squamous Cell Carcinoma

Note: FORESTOMACH AFFECTED BY THE SQUAMOUS CELL CARCINOMA.

[Squamous Cell Carcinoma TGLS = 10-3]

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Thymus

Depletion Lymphoid

Mild

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THE ADRENAL IS SURROUNDED BY FAT. THIS MAY BE THE WHITE

Animal Note: THERE IS EXTENSIVE CHRONIC ACTIVE INFLAMMATION IN THE

Animal Note: FOCUS WHICH THE PROSECTOR OBSERVED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 94

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Testes	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 2-9]			
* Bone Marrow		Mast Cell Tumor Malignant	
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-6]			
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal

Note: NODULES WITHIN NODULES.

Note: TYPE AND THE DIAGNOSIS WAS BASED PRIMARILY UPON FINDING

Note: THE HEPATOCELLULAR CARCINOMA APPEARED TO BE A TRABECULAR

[Hepatocellular Adenoma TGLS = 4,5-2+2.1]

[Hepatocellular Carcinoma TGLS = 6-2]

* Lymph Node, Mesenteric

Hyperplasia

Lymphoid, Mild

* Nose

Note: TOOTH, SALIVARY GLAND, BONE MARROW AND OTHER TISSUES.

Note: INFILTRATES OF THE MAST CELL LEUKEMIA IN THE PERI-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860559

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE CROSS SECTION THROUGH THE NASAL PASSAGES REVEALS

* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Mast Cell Tumor Malignant	
Note: DEMONSTRATED WIDESPREAD MAST CELLS IN THE KIDNEYS			
Note: QUESTED IN A EFFORT TO PROVE THIS.			
Note: A MAST CELL LEUKEMIA. A TOLUIDINE BLUE HAS BEEN RE-			
Note: THE ARE PROBABLY MAST CELLS AND IT LOOKS LIKE WE HAVE			
Note: OF UNCERTAIN ORIGIN.			
Note: THE TOLUIDINE BLUE STAIN WAS POSITIVE AND IN ADDITION			
Note: WITHIN THE SPLEEN WERE OCCASIONAL ISLANDS OF ROUND CELLS			
Note: AND STOMACH.			
* Stomach, Forestomach		Acanthosis	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Infiltration Cellular	Mast Cell, Minimal
* Thymus		Mast Cell Tumor Malignant	
Note: OF MAST CELLS IN THE THYMUS AND ALSO REVEALED THEM			
Note: IN THE MEDIASTINAL LYMPH NODES AND SALIVARY GLANDS.			
Note: THE TOLUIDINE BLUE STAIN CONFIRMED THE PRESENCE OF			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 647

HISTO: 860561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Esophagus	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-6]		
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-6]		
* Kidney		Glomerulosclerosis	Minimal
		Inflammation	Chronic Active, Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
	[Hepatocellular Carcinoma TGLS = 12-2.1]		
	[Pigmentation TGLS = 11-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 14-1.1]		
Lymph Node	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 10-9]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 2	SEX: Male	DAY ON TEST: 647
	DOSE: 1.0% 71LM	DISP: Moribund	HISTO: 860561

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 2	SEX: Male	DAY ON TEST: 457
	DOSE: 1.0% 71LM	DISP: Accident	HISTO: 843308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Liver		Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Testes	Seminif Tub	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 97

TRT#: 2

SEX: Male

DAY ON TEST: 501

DOSE: 1.0% 71LM

DISP: Dead

HISTO: 843438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Esophagus	* Mammary Gland	
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OBSERVATIONS

* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Moderate
* Epididymis	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Minimal
* Liver	Centrilobular, Hepatocyte	Hematopoietic Cell Proliferation	Mild
		Hypertrophy	Mild
		Pigmentation	Minimal
	[Pigmentation TGLS = 9-2]		
* Lymph Node, Mandibular		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 5-5]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Inflammation	Chronic Active, Marked
	[Angiectasis TGLS = 6-5]		
	[Inflammation TGLS = 5-5]		
* Nose		Inflammation	Acute, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	

Note: ACUTE INFLAMMATION IN THE MASS.

Note: THE FIBROSARCOMA APPEARED TO ARISE IN THE AREA OF THE

Note: PREPUTIAL GLAND. THERE WAS EXTENSIVE NECROSIS AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97	TRT#: 2	SEX: Male	DAY ON TEST: 501
	DOSE: 1.0% 71LM	DISP: Dead	HISTO: 843438

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 2-9]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-3]		
* Thymus	Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Note: THE HYPERPLASIA OBSERVED IN THE CORTEX INVOLVED THE			
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 5-2.1]		
	[Pigmentation TGLS = 4-2+2.1]		
* Lung		Hemorrhage	Minimal
		Inflammation	Chronic Active, Minimal
Note: MINOR HEMORRHAGES IN THE LUNG ARE PROBABLY RELATED TO			
Note: HANDLING AT NECROPSY.			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Nose		Inflammation	Acute, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98	TRT#: 2	SEX: Male	DAY ON TEST: 730
	DOSE: 1.0% 71LM	DISP: Terminal Sacrifice	HISTO: 860562

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosis	Mild
		Inflammation	Chronic Active, Mild
	[Fibroma TGLS = 1-10]		
	[Fibrosis TGLS = 2-10]		
* Thymus		Cyst	Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ZONA FASCICULATA AND WAS NOT A SPINDLE CELL HYPERPLASIA.
Animal Note: HOWEVER, SOME SPINDLE CELL HYPERPLASIA WAS OBSERVED IN
Animal Note: THE OPPOSITE GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 99

TRT#: 2

SEX: Male

DAY ON TEST: 611

DOSE: 1.0% 71LM

DISP: Dead

HISTO: 852747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Stomach, Forestomach
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INSUFFICIENT TISSUE

* Stomach, Glandular

OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-9]	Joint, Tarsal	Hyperostosis	Marked
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Autolysis	Marked
* Intestine Large, Cecum		Autolysis	Marked
* Intestine Large, Colon		Autolysis	Marked
* Intestine Large, Rectum		Autolysis	Marked
* Intestine Small, Duodenum		Autolysis	Marked
* Intestine Small, Ileum		Autolysis	Marked
* Intestine Small, Jejunum		Autolysis	Marked
* Kidney		Autolysis	Mild
		Inflammation	Chronic Active, Minimal
* Liver	Renal Tubule	Pigmentation	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 11,12-2.1+2]	
		[Pigmentation TGLS = 10-2+2.1]	
* Pancreas		Autolysis	Marked
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Dead

DAY ON TEST: 611
HISTO: 852747

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Autolysis
Inflammation

Moderate
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 100

TRT#: 2

SEX: Male

DAY ON TEST: 709

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Seminal Vesicle	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone			
Note: NO ABNORMALITIES WERE NOTED IN THE TARSAL JOINT.			
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: THE CARCINOMA LOOKS LIKE AN EARLY TRABECULAR TYPE.			
			[Hepatocellular Adenoma TGLS = 8-2]
			[Hepatocellular Carcinoma TGLS = 9-2.1]
			[Pigmentation TGLS = 7-1+1.2]
* Lung		Alveolar/Bronchiolar Adenoma	
			[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 100

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 709

HISTO: 860563

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 6-5]

* Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

* Preputial Gland

Duct

Dilatation

Mild

Inflammation

Chronic Active, Minimal

[Dilatation TGLS = 3-10]

[Inflammation TGLS = 3-10]

* Prostate

Inflammation

Chronic Active, Minimal

* Salivary Glands

Submandibul GI

Inflammation

Chronic, Minimal

* Skin

Subcut Tiss

Fibroma

Multiple

Subcut Tiss

Fibrosarcoma

Note: THE SKIN OVER THE SURFACE OF THE FIBROSARCOMA REVEALS

Note: EXTENSIVE ACUTE NECROTIZING INFLAMMATION.

[Fibroma TGLS = 2-9]

[Fibrosarcoma TGLS = 2-9]

* Stomach, Forestomach

Acanthosis

Minimal

Hyperkeratosis

Minimal

[Acanthosis TGLS = 10-3]

[Hyperkeratosis TGLS = 10-3]

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Thymus

Cyst

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Interval Sacrifice	DAY ON TEST: 458 HISTO: 85-0160
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration Inflammation Necrosis Pigmentation	Moderate Acute, Minimal Coagulative, Minimal Minimal
* Stomach, Forestomach		Acanthosis Hyperkeratosis Hyperplasia	Minimal Minimal Basal Cell, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 2

SEX: Male

DAY ON TEST: 458

DOSE: 1.0% 71LM

DISP: Interval Sacrifice

HISTO: 85-0161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Bone

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Moribund	DAY ON TEST: 706 HISTO: 860564
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 3-9]	Joint, Tarsal	Hyperostosis	Marked
* Epididymis		Lymphoma Malignant Histiocytic	
* Heart		Inflammation	Chronic, Minimal
* Intestine Large, Cecum		Hemorrhage	Minimal
		Lymphoma Malignant Histiocytic	
* Intestine Small, Jejunum		Inflammation	Acute, Minimal
* Kidney	Prox Con Tub	Hyperplasia	Minimal
	Renal Tubule	Lymphoma Malignant Histiocytic	
* Liver		Pigmentation	Minimal
		Basophilic Focus	Minimal
		Lymphoma Malignant Histiocytic	
		Necrosis	Coagulative, Minimal
Note: RARE SINGLE CELL NECROSIS OF HEPATOCYTES WAS NOTED. [Lymphoma Malignant Histiocytic TGLS = 6,7,8-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Pancreatic	Lymphoma Malignant Histiocytic	
		[Lymphoma Malignant Histiocytic TGLS = 9-5.1]	
* Lymph Node, Mesenteric		Lymphoma Malignant Histiocytic	
		[Lymphoma Malignant Histiocytic TGLS = 9-5.1]	
Mesentery		Lymphoma Malignant Histiocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 706

HISTO: 860564

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant Histiocytic	
Note: THE PANCREAS AS WELL AS PANCREATIC LYMPH NODE WERE INFILT- Note: RATED BY MALIGNANT LYMPHOMA HISTIOCYTIC TYPE. [Lymphoma Malignant Histiocytic TGLS = 9-5.1]			
* Seminal Vesicle		Lymphoma Malignant Histiocytic	
* Skin	Subcut Tiss	Fibroma	
Note: THE FIBROMA ON THE BACK IS CONTIGUOUS AND MULTINODULAR. [Fibroma TGLS = 2-10]			
* Spleen		Lymphoma Malignant Histiocytic	
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Moribund

DAY ON TEST: 550
HISTO: 850257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Inflammation	Chronic, Moderate
		Necrosis	Coagulative, Mild
	Coron Artery	Thrombosis	Marked
* Kidney		Inflammation	Chronic Active, Mild
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
<p>Note: IN MANY CASES THERE APPEARED TO BE AN INCREASED AMOUNT OF BROWN PIGMENT WITHIN THE HEPATOCYTES AND MACROPHAGES WITHIN THE HEPATOCELLULAR ADENOMAS.</p> <p>[Hepatocellular Adenoma TGLS = 7,8-2] [Pigmentation TGLS = 6-2]</p>			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
			[Hyperplasia TGLS = 5-5]
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
			[Fibrosarcoma TGLS = 1-9]
* Spleen		Hematopoietic Cell Proliferation	Moderate
			[Hematopoietic Cell Proliferation TGLS = 3-3]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Moribund

DAY ON TEST: 550
HISTO: 850257

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 2

SEX: Male

DAY ON TEST: 460

DOSE: 1.0% 71LM

DISP: Interval Sacrifice

HISTO: 85-0162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Moribund

DAY ON TEST: 717

HISTO: 860567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
Eye	Cornea	Fibrosis	Mild
	Anterior	Synechia	Minimal
Note: THE EYE WAS BADLY DAMAGED DURING PROCESSING; HOWEVER, Note: THE LESIONS DIAGNOSED WERE PRESENT.			
Harderian Gland		Adenoma	
	[Adenoma TGLS = 2,8-9]		
* Heart		Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
	Prox Con Tub	Pigmentation	Minimal
		Regeneration	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
	[Pigmentation TGLS = 7,9-2]		
* Lung		Hemorrhage	Minimal
Note: MINOR HEMORRHAGES IN THE LUNG ARE PROBABLY RELATED TO Note: HANDLING AT NECROPSY.			
	[Hemorrhage TGLS = 3-1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 2

SEX: Male

DAY ON TEST: 717

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860567

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular

Hyperplasia
Hyperplasia

Lymphoid, Mild
Plasma Cell, Mild

[Hyperplasia TGLS = 11-5,11-5]

[Hyperplasia TGLS = 11-5,11-5]

* Nose

Inflammation

Acute, Minimal

* Pancreas

Vacuolization Cytoplasmic

Minimal

* Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

* Salivary Glands

Submandibul GI

Inflammation

Chronic, Minimal

* Stomach, Forestomach

Inflammation

Chronic Active, Minimal

Squamous Cell Carcinoma

Squamous Cell Papilloma

Note: THE INFLAMMATION IN THE FORESTOMACH WAS RELATED TO THE

[Squamous Cell Carcinoma TGLS = 12-3.1]

[Squamous Cell Papilloma TGLS = 12-3.1]

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TUMORS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 578
DOSE: 1.0% 71LM **DISP:** Moribund **HISTO:** 860196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Nose
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Spleen
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
	[Hyperostosis TGLS = 1-10]		
* Liver		Basophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
	[Pigmentation TGLS = 12-2+3.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	Note: MATION OF THE COVERING SKIN.		
	Note: THE TUMOR REVEALED EXTENSIVE ACUTE NECROTIZING INFLAM-		
	[Fibrosarcoma TGLS = 3-9]		
* Stomach, Forestomach		Cyst	Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
	Note: VISIBLE IN THE SUBMUCOSA AT THE FORESTOMACH-GLANDULAR		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 2

SEX: Male

DAY ON TEST: 578

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860196

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: STOMACH JUNCTION WAS A STRATIFIED SQUAMOUS EPITHELIAL

Animal Note: LINED CYST.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 2,4-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	Multiple

Note: ONE OF THE FORESTOMACH LESIONS REVEALED INVASION BELOW THE
[Squamous Cell Carcinoma TGLS = 5-3.1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860565

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 5-3.1]

- * Stomach, Glandular
- * Thymus
- * Urinary Bladder

Inflammation
Cyst
Inflammation

Chronic Active, Minimal
Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THE CORTICAL NODULE.

Animal Note: SLIGHT COMPRESSION WAS OBSERVED AT THE MARGIN OF

Animal Note: THE MUSCULARIS MUCOSAE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Moribund

DAY ON TEST: 582
HISTO: 860195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Islets, Pancreatic	* Mammary Gland	* Pancreas
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Minimal
		Pigmentation	Minimal
	[Pigmentation TGLS = 6-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Inflammation	Chronic Active, Moderate
* Preputial Gland	Duct	Dilatation	Marked
	[Dilatation TGLS = 1-6]		
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
Skeletal Muscle	Diaphragm	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 3-5]		
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 7-9]		
* Stomach, Forestomach		Squamous Cell Carcinoma	
	Note: THIS SQUAMOUS CELL CARCINOMA OF THE FORESTOMACH IS		
	[Squamous Cell Carcinoma TGLS = 4-3.1]		
* Stomach, Glandular		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 2

SEX: Male

DAY ON TEST: 582

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860195

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 4-3.1]

* Thymus

Depletion Lymphoid

Moderate

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

PRIMARY CAUSE OF DEATH

-

Animal Note: EXTREMELY AGGRESSIVE AND INVASIVE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Moderate
	[Hyperostosis TGLS = 1-9]		
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
	Renal Tubule	Mineralization	Minimal
	Prox Con Tub	Pigmentation	Minimal
		Regeneration	Minimal
	Note: IN A VERY SMALL FOCAL AREA THERE SEEMED TO BE PROLIFERATION AND CROWDING OF EPITHELIAL CELLS IN A RENAL TUBULE.		
* Liver	Centrilobular, Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Mild
		Nuclear Alteration	Minimal
		Pigmentation	Minimal
	Note: IN A FOCAL AREA THERE WAS MARKED ENLARGEMENT OF A HEPATOCYTE NUCLEUS AND CYTOPLASM. THE NUCLEUS HAD VACUOLATED AND COARSE CHROMATIN AREAS IN IT.		
	[Pigmentation TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Crystals	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
	Note: IOLE.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860566

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ONE OF THE LUNG TUMORS SHOWED INVASION INTO A SMALL BRONCH-

Note: IN ADDITION IN A FOCAL AREA THERE WERE INFILTRATES OF LARGE

Note: CRYSTALLINE MATERIAL IN A BRONCHIOLE.

Note: PINK HISTIOCYTIC CELLS IN ALVEOLI AND SHEAVES OF PINK

[Alveolar/Bronchiolar Adenoma TGLS = 2-1+1.1]

[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]

* Lymph Node, Mesenteric

Angiectasis

Minimal

Hyperplasia

Lymphoid, Mild

Infiltration Cellular

Histiocyte, Minimal

Pigmentation

Minimal

Inflammation

Chronic Active, Minimal

* Prostate

* Salivary Glands

Sublingual GI

Inflammation

Chronic, Minimal

* Seminal Vesicle

Inflammation

Chronic Active, Minimal

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Testes

Interstitial Cell

Hyperplasia

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: REGENERATION OF PROXIMAL CONVOLUTED TUBULES.			
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
Note: PIGMENT LADEN MACROPHAGES. ELSEWHERE AGGREGATES OF			
Note: A FEW CHRONIC ACTIVE INFLAMMATORY CELLS SURROUNDED			
Note: CHRONIC INFLAMMATORY CELLS WERE NOTED.			
[Hepatocellular Adenoma TGLS = 3-2+2.1]			
[Pigmentation TGLS = 2-2+2.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose			
Note: THIS IS NOT A PROTOCOL REQUIRED TISSUE.			
Note: SOME OF THE INCISOR TEETH ARE ABSCESSSED; HOWEVER,			
* Pancreas		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860569

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Inflammation	Chronic Active, Minimal
* Seminal Vesicle	Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Thymus	Cyst	Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 2

SEX: Male

DAY ON TEST: 458

DOSE: 1.0% 71LM

DISP: Interval Sacrifice

HISTO: 85-0163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Kidney

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Fatty Change	Minimal
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
[Fatty Change TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 2-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
[Acanthosis TGLS = 4-3]			
[Hyperkeratosis TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860568

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Moribund	DAY ON TEST: 414 HISTO: 842442
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Skin	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-9]	Joint, Tarsal	Hyperostosis	Marked
* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver [Pigmentation TGLS = 9-2]		Hemangiosarcoma	
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Moribund

DAY ON TEST: 715
HISTO: 860570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
		Pigmentation	Minimal
Note: THIS APPEARS TO BE A TRABECULAR HEPATOCELLULAR CARCINOMA. [Hepatocellular Carcinoma TGLS = 5-2.1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Bronchiectasis	Minimal
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Acute, Mild
	Bronchiole	Metaplasia	Squamous, Mild
Note: VARIABLE SIZED EOSINOPHILIC MACROPHAGES. Note: ALVEOLI IN THE LUNG WERE FILLED WITH LARGE NUMBERS OF [Alveolar/Bronchiolar Carcinoma TGLS = 3-1] [Infiltration Cellular TGLS = 4-1]			
* Nose		Inflammation	Acute, Minimal
Ovary			
Note: BOTH OVARIES CONTAIN SMALL CYTS WHICH ARE FILLED WITH			
* Pancreas		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Moribund

DAY ON TEST: 715
HISTO: 860570

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Inflammation	Chronic Active, Minimal
* Spleen	Depletion Lymphoid	Minimal
* Stomach, Forestomach	Acanthosis	Minimal
	Hyperkeratosis	Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Int Lg Rectum			
Note: HAVE BEEN OBSERVED IN THE RECTUM OF ADBAQ TREATED			
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
Note: IN A FOCAL AREA OF THE CECUM THE COVERING EPITHELIUM			
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Fatty Change	Minimal
		Pigmentation	Minimal
	[Pigmentation TGLS = 5-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
Note: MINOR HEMORRHAGE IN THE LUNG IS PROBABLY RELATED TO			
Note: HANDLING AT NECROPSY.			
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Abscess	Marked
	[Abscess TGLS = 2-9]		
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860571

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: SUCH CHANGES ARE INFREQUENT IN THE MOUSE, BUT HAVE

Animal Note: RATS.

Animal Note: NUCLEAR CYTOPLASMIC RATIOS.

Animal Note: SHOWED INCREASED BASOPHILIA, CROWDING, AND HIGH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:14

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 117

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Prostate
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-9]	Joint, Tarsal	Hyperostosis	Moderate
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Large, Cecum	Peyers Patch	Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
	Prox Con Tub	Regeneration	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Mild

Note: RATHER THAN THE CLASSIC FEATURES.

Note: THE HEPATOCELLULAR CARCINOMA WAS DIAGNOSED BASED UPON

Note: A POSSIBLE TRABECULAR PATTERN AND PLEOMORHISM OF CELLS

[Hepatocellular Adenoma TGLS = 5,8-2+2.1]

[Hepatocellular Carcinoma TGLS = 6-2.1]

* Lung [Alveolar/Bronchiolar Adenoma TGLS = 7-1.1]		Alveolar/Bronchiolar Adenoma	Multiple
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 2

DOSE: 1.0% 71LM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860572

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Inflammation	Chronic Active, Minimal
* Skin	Inflammation	Chronic Active, Minimal
* Spleen [Hyperplasia TGLS = 3-3]	Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach Note: EXTERNAL SURFACE OF THE FORESTOMACH. THE POINT OF Note: CONNECTION WITH THE FORESTOMACH WAS NOT SHOWN IN THE [Diverticulum TGLS = 4-3.1]	Diverticulum	Minimal
* Thyroid Gland	Inflammation Ultimobranchial Cyst	Chronic, Minimal Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: WHAT APPEARS TO BE A SMALL DIVERTICULUM WAS ON THE
Animal Note: SECTION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Mild
	Prox Con Tub	Regeneration	Minimal
[Pigmentation TGLS = 7-3]			
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 11-2.2]			
[Hepatocellular Carcinoma TGLS = 9,10-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-1.1,6-1.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Preputial Gland		Abscess	Marked
[Abscess TGLS = 3-9]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860573

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Minimal
[Hematopoietic Cell Proliferation TGLS = 12-3] [Hyperplasia TGLS = 12-3]		
* Stomach, Glandular	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 2
DOSE: 1.0% 71LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone [Hyperostosis TGLS = 2-9]	Joint, Tarsal	Hyperostosis	Marked
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney [Congestion TGLS = 7-3] [Pigmentation TGLS = 6-3]	Renal Tubule	Congestion Inflammation Pigmentation	Minimal Chronic Active, Mild Minimal
* Liver [Hepatocellular Adenoma TGLS = 8-2] [Hepatocellular Carcinoma TGLS = 4-2+2.1] [Pigmentation TGLS = 3-2+2.1]		Hepatocellular Adenoma Hepatocellular Carcinoma Pigmentation	Multiple Minimal
* Lung Note: BRONCHIOLE WAS NOTED. Note: ALTHOUGH THE LUNG TUMOR IS SMALL, FOCAL INVASION OF A [Alveolar/Bronchiolar Carcinoma TGLS = 9-1.1]		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mesenteric		Angiectasis Hyperplasia	Minimal Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 1.0% 71LM

DISP: Terminal Sacrifice

HISTO: 860574

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 5-5]		Infiltration Cellular Pigmentation	Histiocyte, Minimal Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Acanthosis Hyperkeratosis	Minimal Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120	TRT#: 2 DOSE: 1.0% 71LM	SEX: Male DISP: Moribund	DAY ON TEST: 642 HISTO: 860575
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Nose	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Inflammation	Granulomatous, Mild
* Epididymis		Histiocytic Sarcoma	
* Intestine Small, Ileum		Histiocytic Sarcoma	
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Minimal
* Kidney	Pelvis, Transit Epithe Renal Tubule	Histiocytic Sarcoma Hyperplasia Pigmentation	Moderate Minimal
[Pigmentation TGLS = 16-3]			
* Liver	Centrilobular, Hepatocyte	Hepatocellular Adenoma Histiocytic Sarcoma Hypertrophy Pigmentation	Mild Minimal
[Hepatocellular Adenoma TGLS = 21-2.1]			
[Pigmentation TGLS = 20-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma Histiocytic Sarcoma	
[Alveolar/Bronchiolar Adenoma TGLS = 9-1.1]			
Lymph Node	Lumbar Mediastinal Pancreatic Renal	Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 2

SEX: Male

DAY ON TEST: 642

DOSE: 1.0% 71LM

DISP: Moribund

HISTO: 860575

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
		Vacuolization Cytoplasmic	Minimal
Note: INFLAMMATION. MANY PANCREATIC DUCTS WERE ENMESHED IN THE			
Note: THE PANCREAS, MESENTERIC LYMPH NODE AND PANCREATIC LYMPH			
Note: NODE WERE ENMESHED IN A GIANT AREA OF GRANULOMATOUS			
Note: AREA OF INFLAMMATION.			
* Preputial Gland		Abscess	Marked
[Abscess TGLS = 2-9]			
* Prostate		Histiocytic Sarcoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Fibrosis	Minimal
		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 10-3.1]			
* Stomach, Glandular		Histiocytic Sarcoma	
* Urinary Bladder		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH -

Animal Note: SEEN IN THE TISSUES.

Animal Note: THE NODE WHICH WAS THOUGHT TO BE A PANCREATIC LYMPH NODE

Animal Note: DID HAVE A URETER NEXT TO IT WHICH MEANS IT COULD BE A

Animal Note: A LUMBAR OR RENAL NODE.

Animal Note: MULTIPLE ORGANS. NO BACTERIAL OR FUNGAL ELEMENTS WERE

Animal Note: THIS ANIMAL HAD DISSEMINATED GRANULOMATOUS INFLAMMATION IN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 3

SEX: Male

DAY ON TEST: 458

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Prostate

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Basophilic Focus	Minimal
	Centrilobular	Cytoplasmic Alteration	Moderate
		Hepatocellular Adenoma	
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 1-Amino-2,4-dibromoanthraquinone
 CAS Number: 81-49-2

Date Report Requested: 10/23/2014
 Time Report Requested: 02:50:15
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 122 TRT#: 3 SEX: Male DAY ON TEST: 729
 DOSE: 2.0% 71HM DISP: Terminal Sacrifice HISTO: 860149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 3-9]			
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
Note: QUITE A FEW REGENERATING TUBULES.			
* Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Karyomegaly	Moderate
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 8-2+2.1]			
[Hepatocellular Carcinoma TGLS = 8-2]			
[Pigmentation TGLS = 8-2+2.1]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-4.1]			
* Lymph Node, Mesenteric		Angiectasis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860149

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 7-5]		Infiltration Cellular Pigmentation	Histiocyte, Minimal Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Penis
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 5-2+2.1]	
		[Pigmentation TGLS = 6-2+2.1]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Mild
		Note: TO HANDLING AT NECROPSY.	
		Note: MINOR HEMORRHAGES NOTED IN THE LUNG ARE PROBABLY RELATED	
		[Alveolar/Bronchiolar Adenoma TGLS = 3,4-1.1]	
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860150

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 8-2.1+3]

* Stomach, Glandular
Tooth

Inflammation
Dysplasia

Chronic Active, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 6,7,8,9,10,11-2+2.1,6,12,13,14-2.2]	
		[Pigmentation TGLS = 12,13,14-2.2,6,7,8,9,10,11-2+2.1]	
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
		[Angiectasis TGLS = 4-5]	
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
		[Squamous Cell Carcinoma TGLS = 5-3.1]	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Testes	Seminif Tub	Atrophy	Minimal
	Seminif Tub	Mineralization	Minimal
* Thymus		Cyst	Minimal
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860147

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spleen	* Testes	* Thymus	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: TO BE PROXIMAL CONVOLUTED TUBULES.			
Note: PIGMENT WAS ALSO PRESENT IN THE CYTOPLASM OF WHAT APPEARED			
Note: WITHIN THE LUMEN OF A RARE PCT THERE WERE AGGREGATES OF A			
Note: BROWN PIGMENT.			
[Pigmentation TGLS = 6-3]			
* Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 4,5-2+2.1]			
[Pigmentation TGLS = 3,10-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 9-1.1]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[Angiectasis TGLS = 8-5]			
* Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 2-2.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860148

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-2.1]

* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 126

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 648

HISTO: 860151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 3-9]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: VERY SMALL AMOUNTS OF PIGMENT WERE OBSERVED BOTH IN THE			
Note: CYTOPLASM AND LUMEN OF PROXIMAL CONVOLUTED TUBULES.			
[Pigmentation TGLS = 13-3]			
* Liver	Centrilobular, Hepatocyte	Hepatocellular Adenoma	Multiple
		Hypertrophy	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 17-2]			
[Pigmentation TGLS = 15,16,18-2]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 6-1.1]			
[Hyperplasia TGLS = 7-1.2]			
* Pancreas		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Moribund

DAY ON TEST: 648
HISTO: 860151

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 127

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 484

HISTO: 843336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Prostate
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Large, Cecum		Adenocarcinoma	
[Adenocarcinoma TGLS = 8-6]			
* Intestine Small, Duodenum	Serosa	Fibrosis	Mild
	Mesothelium	Hyperplasia	Minimal
* Intestine Small, Jejunum	Epithelium	Pigmentation	Minimal
[Pigmentation TGLS = 7-6]			
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal

Note: CELLULAR CARCINOMA AND A HEMANGIOSARCOMA. THE TUMORS
 Note: SHOWED EXTENSIVE NECROSIS, THROMBOSIS, AND HEMORRHAGE
 Note: AND THERE WAS NO OBVIOUS ATTACHMENT TO THE LIVER PROPER.
 Note: THE MASS SURROUNDING THE KIDNEY WAS A COMBINATION HEPATO-
 [Hemangiosarcoma TGLS = 10-3.1]
 [Hepatocellular Adenoma TGLS = 12-2]
 [Pigmentation TGLS = 11-2]

* Lung		Alveolar/Bronchiolar Adenoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 3

SEX: Male

DAY ON TEST: 484

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 843336

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 5-3]		
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Mild
	[Acanthosis TGLS = 13-3]		
	[Hyperkeratosis TGLS = 13-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 593

HISTO: 852767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Prostate
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
			[Hepatocellular Adenoma TGLS = 17,15,16-2+2.1]
			[Hepatocellular Carcinoma TGLS = 18-2.2]
			[Pigmentation TGLS = 14-2+2.1+2.2]
* Lung		Alveolar/Bronchiolar Adenoma	
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
			[Squamous Cell Carcinoma TGLS = 8-3.1]
* Stomach, Glandular		Edema	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 593

HISTO: 852767

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 3

SEX: Male

DAY ON TEST: 136

DOSE: 2.0% 71HM

DISP: Dead

HISTO: 833749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus	* Urinary Bladder
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Brain Note: VISIBLE WITHIN THE LATERAL VENTRICLE WAS AN Note: EPIDERMAL INCLUSION CYST FILLED WITH KERATIN.		Cyst Epithelial Inclusion	Mild
* Kidney Renal Tubule		Mineralization	Minimal
* Liver Note: POORLY DIFFERENTIATED TUMOR.		Congestion	Minimal
* Lung [Congestion TGLS = 1-1]		Hyperplasia	Plasma Cell, Mild
Lymph Node [Hyperplasia TGLS = 9-3]	Lumbar		

PRIMARY CAUSE OF DEATH

-

Animal Note: THE CAUSE OF DEATH WAS NOT APPARENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 3

SEX: Male

DAY ON TEST: 458

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Respirat Epith	Necrosis	Minimal
* Pancreas		Atrophy	Minimal
	Artery	Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Abscess	Marked
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 7-9]			
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6]			
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 3,4,5,6-2+2.1]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860154

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 613

HISTO: 852748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
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OBSERVATIONS

* Epididymis		Lymphoma Malignant Lymphocytic	
* Gallbladder		Lymphoma Malignant Lymphocytic	
* Intestine Large, Cecum		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-6]			
* Kidney		Cyst	Mild
		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 9-3]			
* Liver		Lymphoma Malignant Lymphocytic	
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Lymphoma Malignant Lymphocytic TGLS = 11-2]			
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 7-5.1,10-9]			
* Lymph Node, Mandibular		Depletion Lymphoid	Marked
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 7-5.1,10-9]			
Mesentery		Lymphoma Malignant Lymphocytic	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Prostate		Lymphoma Malignant Lymphocytic	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 852748

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle	Intercostal	Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 12-3]			
* Thymus		Cyst	Minimal
		Depletion Lymphoid	Mild
Tooth		Lymphoma Malignant Lymphocytic	
* Urinary Bladder		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Nose	
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Focal, Mild
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant Mixed	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 5,6-2]	
		[Pigmentation TGLS = 7-2]	
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 8-5]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
		[Inflammation TGLS = 3-3.1]	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860153

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant Mixed TGLS = 4-3]	Lymphoma Malignant Mixed	
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 9-3+3.1]	Inflammation Squamous Cell Papilloma	Chronic Active, Mild Multiple
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland
Tissue NOS	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

Coagulating Gland		Inflammation	Chronic
* Epididymis		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Mild
[Pigmentation TGLS = 7-3]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 10-2]			
[Hepatocellular Carcinoma TGLS = 5,6-2+2.1]			
[Pigmentation TGLS = 4-2+2.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic Active, Minimal
[Dilatation TGLS = 2-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 2.0% 71HM	DISP: Terminal Sacrifice	HISTO: 860152

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Sublingual GI, Submandibular GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
Tooth		Inflammation	Chronic
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: [(PAPILLOMA SQUA] TGLs(= 11-3.1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860155

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 645

HISTO: 860159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 12-7]			
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
[Pigmentation TGLS = 13-3]		Pigmentation	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: ROSETTE AND SHEET PATTERNS.			
Note: THE DIAGNOSIS OF A HEPATOBLASTOMA WAS BASED UPON THE			
Note: ARRANGEMENT OF ELONGATED BASOPHILIC CELLS ARRANGED IN			
[Hepatoblastoma TGLS = 15-2.1]			
[Hepatocellular Adenoma TGLS = 16,18-2+2.1]			
[Hepatocellular Carcinoma TGLS = 15-2.1+2.1.1]			
[Pigmentation TGLS = 14-2+2.1+2.2]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Mild
* Lymph Node, Mesenteric		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 3

SEX: Male

DAY ON TEST: 645

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860159

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 11-5]

* Preputial Gland

Abscess
Inflammation

Moderate
Chronic Active, Mild

[Abscess TGLS = 4-9]

* Salivary Glands

Submandibul GI

Inflammation
Hematopoietic Cell Proliferation

Chronic, Minimal
Mild

* Spleen

[Hematopoietic Cell Proliferation TGLS = 8-3]

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 3

SEX: Male

DAY ON TEST: 458

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Pituitary Gland	* Thymus
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OBSERVATIONS

* Liver	Centrilobular	Cytoplasmic Alteration Pigmentation	Moderate Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 138

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver	Renal Tubule	Pigmentation	Minimal
		Clear Cell Focus	Minimal
		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 5,6,7-2+2.2]	
		[Hepatocellular Carcinoma TGLS = 4-2.1]	
		[Pigmentation TGLS = 6-2+2.1+2.2]	
* Lung		Hemorrhage	Minimal
		Note: MINIMAL HEMORRHAGE OBSERVED IS PROBABLY RELATED TO	
		Note: HANDLING AT NECROPSY.	
		[Hemorrhage TGLS = 3-1]	
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860157

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Trachea	Inflammation	Acute, Mild
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139	TRT#: 3 DOSE: 2.0% 71HM	SEX: Male DISP: Dead	DAY ON TEST: 689 HISTO: 860158
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infarct	Marked
		Necrosis	Coagulative, Mild
		Pigmentation	Mild

Note: THE INFARCTED LIVER CONTAINED FOCAL AREAS OF MINERALIZATION

Note: NECROSIS, AND HEMORRHAGE.

[Hepatocellular Adenoma TGLS = 4,5-2.2+2.3]

[Infarct TGLS = 3-2.1]

[Pigmentation TGLS = 6-2+2.2+2.3]

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid	Minimal
* Thymus		Depletion Lymphoid	Marked
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoantraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: THE KIDNEY PIGMENTATION IS VERY SUBTLE. [Pigmentation TGLS = 5-3]			
* Liver		Pigmentation	Minimal
		Thrombosis	Minimal
Note: LIVER WAS WHAT APPEARED TO BE A HYALINIZED THROMBUS. Note: ATTACHED AND VISIBLE ON THE SURFACE OF ONE LOBE OF THE [Pigmentation TGLS = 3-2+2.1] [Thrombosis TGLS = 4,7-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Duct, Parotid GI	Mineralization	Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860156

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 8-3.1]

[Hyperkeratosis TGLS = 8-3.1]

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

Tooth

Dysplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Mild
[Hyperostosis TGLS = 4-9]			
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 8,9,10-2+2.1]			
[Pigmentation TGLS = 7-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 5,6-1+1.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 12-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860160

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 606

HISTO: 852750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Carcinoma	
		Pigmentation	Mild
		[Hepatocellular Carcinoma TGLS = 15-2.1]	
		[Pigmentation TGLS = 14-2+2.1]	
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 7-5]	
* Lymph Node, Mesenteric		Angiectasis	Mild
		[Angiectasis TGLS = 8-5]	
* Pancreas		Lymphoma Malignant Mixed	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
		[Fibrosarcoma TGLS = 3-9]	
* Spleen		Hematopoietic Cell Proliferation	Mild
		[Hematopoietic Cell Proliferation TGLS = 6-3]	
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
		[Squamous Cell Papilloma TGLS = 16-3.1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Moribund

DAY ON TEST: 606
HISTO: 852750

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Cyst
Depletion Lymphoid

Minimal
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 3

SEX: Male

DAY ON TEST: 460

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Lacrimal Gland		Adenoma	
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Testes		Atrophy	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 621

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 852749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 2-9]			
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 13,16-2]			
[Hepatocellular Carcinoma TGLS = 14-2.1]			
[Pigmentation TGLS = 12-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-1.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Atrophy	Minimal
	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Moderate
		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 621

HISTO: 852749

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Squamous Cell Papilloma

Chronic Active, Minimal

[Squamous Cell Papilloma TGLS = 17-3.1]

* Stomach, Glandular

* Testes

Seminif Tub

Inflammation

Mineralization

Chronic Active, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland

MISSING

* Gallbladder	* Mammary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocholangiocarcinoma	Multiple
		Inflammation	Chronic Active, Mild
		Pigmentation	Mild
Note: A RARE FOCUS OF COAGULATIVE NECROSIS WAS OBSERVED IN THE			
Note: HEPATOCELLULAR TUMORS.			
		[Hepatocellular Adenoma TGLS = 7,9-2]	
		[Hepatocholangiocarcinoma TGLS = 5,8-2.1+2.2]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 3-1]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
		Angiectasis	Mild
* Lymph Node, Mesenteric			
		[Angiectasis TGLS = 4-5]	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860161

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Fibrosis Hyperplasia Inflammation	Mild Lymphoid, Mild Chronic Active, Mild
* Stomach, Forestomach	Acanthosis Hyperkeratosis Hyperplasia Inflammation Squamous Cell Papilloma	Mild Mild Basal Cell, Mild Chronic Active, Mild
[Squamous Cell Papilloma TGLS = 6-3.1]		
* Trachea	Inflammation	Acute, Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
	[Pigmentation TGLS = 8-3]		
* Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 5,7-2+2.1]		
	[Pigmentation TGLS = 4-2+2.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 3-9]		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Basal Cell, Minimal
		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 10-3.1]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860162

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 460

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Mild
		Pigmentation	Minimal
* Pancreas		Cytoplasmic Alteration	Mild
* Urinary Bladder		Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pituitary Gland	* Spleen	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	* Seminal Vesicle
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Mild
	[Hepatocellular Carcinoma TGLS = 6,7-2.1+2.2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 5,8-1.1]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Skin		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 9-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Testes		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Moribund

DAY ON TEST: 726
HISTO: 860164

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Moribund

DAY ON TEST: 696
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

MISSING

* Intestine Small, Duodenum	* Mammary Gland	* Skin	* Thymus
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Mild
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Inflammation	Chronic Active, Mild
* Intestine Small, Ileum		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Moderate
	Renal Tubule	Inflammation	Necrotizing, Acute, Moderate
		Pigmentation	Minimal
Note: PAPILLA OF ONE KIDNEY.			
Note: BACTERIAL COLONIES WERE SEEN WITHIN THE RENAL			
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 8,11,12-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 5-1]			
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
[Hyperplasia TGLS = 7-7]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
Mesentery		Inflammation	Chronic Active, Moderate
Note: THE APPARENT ENLARGEMENT OF THE ADRENAL WAS RE-			
Note: CAPSULE.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 2.0% 71HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LATED TO ADHESIONS OF INFLAMMED MESENTERY TO THE
[Inflammation TGLS = 7-7]

* Nose	Inflammation	Acute, Minimal
* Pancreas	Inflammation	Chronic Active, Mild
* Prostate	Inflammation	Chronic Active, Mild
* Seminal Vesicle	Inflammation	Chronic Active, Minimal
* Spleen	Hematopoietic Cell Proliferation	Marked
	Inflammation	Chronic Active, Marked
* Stomach, Forestomach	Inflammation	Necrotizing, Chronic Active, Marked
	Squamous Cell Carcinoma	

Note: THE SQUAMOUS CELL CARCINOMA IN THE FORESTOMACH
[Squamous Cell Carcinoma TGLS = 13-3.2]

* Stomach, Glandular	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
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Note: THE GLANDULAR STOMACH. THE TERM INVASIVE WAS NOT
[Squamous Cell Carcinoma TGLS = 13-3.2]

* Testes	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: WAS NOT AVAILABLE SO IT WAS CALLED A METASTISIS.
Animal Note: WAS VERY INVASIVE AND INVADED TO THE SEROSA AND
Animal Note: ING THE ADRENAL WHEN IN ACTUALITY IT WAS THE
Animal Note: THE PROSECTOR APPARENTLY THOUGHT SHE WAS DISSECT-
Animal Note: LUMBAR LYMPH NODE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 3-9]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 5,6,8,9-2+2.1]			
[Hepatocellular Carcinoma TGLS = 5,6,8,9-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-1.1]			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860163

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea	Inflammation	Acute, Minimal
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 151

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 2-9]			
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
	Prox Con Tub	Pigmentation	Minimal
		Regeneration	Minimal

Note: IN A FOCAL AREA OF THE CORTEX OF ONE KIDNEY THERE TUBULAR

Note: OF AN EARLIER INFARCT.

Note: ITY OF THE CAPSULAR SURFACE. THIS COULD BE THE SEQUELLAE

Note: ATROPHY, REGENERATION, CHRONIC INFLAMMATION, AND IRREGULAR-

* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild

[Hepatocellular Adenoma TGLS = 10,12,13-2+2.1]

[Pigmentation TGLS = 11-2+2.1]

* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal

Note: AT NECROPSY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 151

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860169

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MINOR HEMORRHAGES IN THE LUNG COULD BE RELATED TO HANDLING

[Alveolar/Bronchiolar Adenoma TGLS = 5-1.1]

Lymph Node	Pancreatic	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
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[Squamous Cell Carcinoma TGLS = 9-3.1+5]

* Lymph Node, Mesenteric

Angiectasis	Minimal
Hyperplasia	Mild
Infiltration Cellular	Histiocyte, Minimal
Pigmentation	Minimal

[Angiectasis TGLS = 8-5]

[Hyperplasia TGLS = 8-5]

Mesentery

Inflammation	Chronic Active, Moderate
Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

[Inflammation TGLS = 3-7+10]

[Squamous Cell Carcinoma TGLS = 3-10]

* Pancreas

[Inflammation TGLS = 9-5]

Inflammation	Chronic Active, Moderate
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* Prostate

Inflammation	Chronic Active, Minimal
--------------	-------------------------

* Seminal Vesicle

Inflammation	Chronic Active, Minimal
--------------	-------------------------

* Spleen

[Hematopoietic Cell Proliferation TGLS = 4-3]

Hematopoietic Cell Proliferation	Moderate
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* Stomach, Forestomach

Inflammation	Chronic Active, Minimal
Squamous Cell Carcinoma	

Note: THE SQUAMOUS CELL CARCINOMA OF THE FORESTOMACH WAS A VERY

[Squamous Cell Carcinoma TGLS = 6,7-3.1]

* Stomach, Glandular

Inflammation	Chronic Active, Minimal
Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

Note: STOMACH AND ALSO INTO THE GLANDULAR STOMACH.

[Squamous Cell Carcinoma TGLS = 6,7-3.1]

* Urinary Bladder

Inflammation	Chronic Active, Minimal
--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

Animal Note: INVASIVE TUMOR WHICH INVADED THROUGH THE SEROSA OF THE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 3

SEX: Male

DAY ON TEST: 523

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 843474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Skin	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Epididymis		Fibrosarcoma	Metastatic (Stomach, Forestomach)
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Marked
		Fibrosarcoma	Metastatic (Stomach, Forestomach)
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Fibrosarcoma TGLS = 9,10-2]			
[Pigmentation TGLS = 8-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 11-1.1]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Hemorrhage	Marked
[Angiectasis TGLS = 6-5]			
[Hemorrhage TGLS = 6-5]			
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Fibrosarcoma	Metastatic (Stomach, Forestomach)
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 3

SEX: Male

DAY ON TEST: 523

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 843474

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 3-4]

* Spleen	Depletion Lymphoid	Mild
* Stomach, Forestomach	Hyperkeratosis	Moderate
	Squamous Cell Carcinoma	
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Thymus	Depletion Lymphoid	Moderate
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Mild
	[Hyperostosis TGLS = 3-9]		
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
		Metaplasia	Osseous, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 6-2]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860168

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Moderate
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 3,4,6-2]		
* Lung		Hemorrhage	Minimal
	Note: MINOR HEMORRHAGE NOTED IN THE LUNG IS PROBABLY Note: RELATED TO HANDLING AT NECROPSY.		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Thymus			

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Pigmentation	Minimal
	[Hepatocellular Carcinoma TGLS = 7,11,12-2+2.1]		
	[Pigmentation TGLS = 6-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 4,10-1.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
	[Fibrosis TGLS = 2-9]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 3

SEX: Male

DAY ON TEST: 517

DOSE: 2.0% 71HM

DISP: Dead

HISTO: 843459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: NONE OF THE PIGMENTS WITHIN THE KIDNEY POLARIZE.			
* Liver		Basophilic Focus	Minimal
		Pigmentation	Minimal
* Lung	Mediastinum	Hemangiosarcoma	Metastatic (Spleen)
* Lymph Node, Mesenteric		Angiectasis	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-3.1]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Nose	* Pituitary Gland
* Prostate	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Colon		Inflammation	Chronic Active, Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-6]			
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 9,11-2+2.1]			
[Pigmentation TGLS = 8,10-2+2.1]			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-9,6-5.1]			
[Lymphoma Malignant Mixed TGLS = 3-9,6-5.1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 6-5.1]			
* Pancreas		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860170

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 7-5.1]

* Salivary Glands

Submandibul GI

Inflammation

Chronic, Mild

* Seminal Vesicle

Inflammation

Chronic Active, Minimal

* Stomach, Forestomach

Inflammation

Chronic Active, Minimal

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 12-3]

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 3

SEX: Male

DAY ON TEST: 535

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 843479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Renal Tubule	Inflammation Pigmentation	Chronic Active, Minimal Mild
	Note: LUMEN OF THE TUBULES. Note: CYTOPLASM OF THE PCT AND OCCASIONALLY WITHIN THE Note: THE PIGMENT IN THESE KIDNEYS WAS PRIMARILY IN THE [Pigmentation TGLS = 8-3]		
* Liver	Centrilobular, Hepatocyte	Hepatocellular Adenoma Hepatocellular Carcinoma Hypertrophy Inflammation Pigmentation	Mild Chronic Active, Minimal Minimal
	[Hepatocellular Adenoma TGLS = 12-2] [Hepatocellular Carcinoma TGLS = 10-2.1] [Pigmentation TGLS = 11-2+2.1]		
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric		Angiectasis Infiltration Cellular	Minimal Histiocyte, Minimal
	[Angiectasis TGLS = 6-5]		
* Pancreas		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 535

HISTO: 843479

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle
[Atrophy TGLS = 3-4]

Atrophy

Moderate

* Skin
* Spleen
[Hematopoietic Cell Proliferation TGLS = 4-3]

Inflammation

Hematopoietic Cell Proliferation

Chronic Active, Minimal

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 3

SEX: Male

DAY ON TEST: 662

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Inflammation	Chronic Active, Mild
* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Marked
* Epididymis	Serosa	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Note: THE SECTION OF THE EPIDIDYMIS REVEALED AN ISLAND OF			
Note: SQUAMOUS CELL CARCINOMA ADJACENT TO THE PERIEPIDIDYMAL			
Note: FAT. ACTUAL INVASION WAS NOT APPARENT IN THE SECTION.			
* Kidney		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
		[Hepatocellular Carcinoma TGLS = 15,16-2+2.1]	
		[Pigmentation TGLS = 14-2+2.1]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 5-1.1]	
* Lymph Node, Mesenteric		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 662

HISTO: 860172

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 10-5] Mesentery		Infiltration Cellular Inflammation Pigmentation	Histiocyte, Minimal Chronic Active, Mild Minimal
Note: THIS METASTATIC SITE FOR THE SQUAMOUS CELL CARCINOMA WAS Note: MISTAKEN FOR A URETER AT GROSS NECROPSY. [Abscess TGLS = 13-3.2] [Squamous Cell Carcinoma TGLS = 13-3.2]		Abscess Squamous Cell Carcinoma	Marked Metastatic (Stomach, Forestomach)
* Pancreas		Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Mild
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 8-3]		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach Note: THE SQUAMOUS CELL CARCINOMA OF THE FORESTOMACH IS [Squamous Cell Carcinoma TGLS = 9-6+6.1]		Squamous Cell Carcinoma	
* Stomach, Glandular Note: METASTISIZED INTO THE GLANDULAR STOMACH. [Squamous Cell Carcinoma TGLS = 9-6+6.1]		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Tooth		Dysplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: A VERY INVASIVE TUMOR WHICH INVADED INTO AND/OR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 3

SEX: Male

DAY ON TEST: 709

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 7,8-2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Minimal
	Note: TO HANDLING AT NECROPSY.		
	Note: MINOR HEMORRHAGES NOTED IN THE LUNG ARE PROBABLY RELATED TO		
	[Alveolar/Bronchiolar Adenoma TGLS = 11,12-1.1]		
	[Hemorrhage TGLS = 5-1]		
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 3-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 3

SEX: Male

DAY ON TEST: 709

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860171

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate

Inflammation

Chronic Active, Minimal

* Salivary Glands

Submandibul GI

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860173

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 162

TRT#: 3

SEX: Male

DAY ON TEST: 460

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Thymus
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INSUFFICIENT TISSUE

* Spleen

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Prostate		Inflammation	Chronic, Mild
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Moderate
		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 3

SEX: Male

DAY ON TEST: 618

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 852751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Mild
		Pigmentation	Minimal
	[Pigmentation TGLS = 11-2]		
* Lymph Node, Mesenteric		Angiectasis	Mild
		Inflammation	Chronic Active, Mild
	[Angiectasis TGLS = 8-5]		
* Nose		Inflammation	Acute, Mild
* Pancreas		Vacuolization Cytoplasmic	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 3-10]		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Abscess	Mild
	Subcut Tiss	Fibrosarcoma	

Note: THE SUBCUTANEOUS ABSCESS IN THE SKIN WAS OBSERVED

Note: ADJACENT TO THE PREPUCIAL GLAND.

[Fibrosarcoma TGLS = 2-9+10]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 618

HISTO: 852751

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Depletion Lymphoid	Marked
[Hematopoietic Cell Proliferation TGLS = 7-3]	Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 12-3]		
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Thymus	Cyst	Minimal
	Depletion Lymphoid	Marked
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 164

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Dead

DAY ON TEST: 665

HISTO: 860174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum

OBSERVATIONS

* Epididymis [Inflammation TGLS = 5-4]	Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum	Adenocarcinoma	
* Kidney Renal Tubule	Inflammation Pigmentation	Chronic Active, Minimal Minimal
Note: MODERATED GLOMERULOSCLEROSIS. INADDITION, FOCAL ACUTE		
Note: INFLAMMATION WAS NOTED IN SMALL NUMBERS OF PCT.		
* Liver [Hepatocellular Adenoma TGLS = 16,17,18-2+2.4] [Hepatocellular Carcinoma TGLS = 12,13,14,19-2.1+2.2] [Pigmentation TGLS = 11,15-2+2.1+2.2+2.3+2.4] [Squamous Cell Carcinoma TGLS = 13,14,19-2.2+2.3]	Hepatocellular Adenoma Hepatocellular Carcinoma Inflammation Pigmentation Squamous Cell Carcinoma	Multiple Multiple Chronic Active, Minimal Mild Metastatic (Stomach, Forestomach)
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-1]	Alveolar/Bronchiolar Adenoma	
Lymph Node Pancreatic	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164	TRT#: 3 DOSE: 2.0% 71HM	SEX: Male DISP: Dead	DAY ON TEST: 665 HISTO: 860174
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ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Angiectasis TGLS = 9-5]		
	[Squamous Cell Carcinoma TGLS = 3-5]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
	[Angiectasis TGLS = 9-5]		
Mesentery		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 6-5+7+9]		
* Pancreas		Cytoplasmic Alteration	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
Skeletal Muscle	Intercostal	Inflammation	Chronic Active, Mild
	Abdominal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 7-9]		
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 10-3.1]		
* Testes	Seminif Tub	Atrophy	Minimal
	Seminif Tub	Mineralization	Minimal
* Thymus		Depletion Lymphoid	Moderate
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 3

SEX: Male

DAY ON TEST: 248

DOSE: 2.0% 71HM

DISP: Dead

HISTO: 840697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	Tongue
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Nose
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OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Necrosis	Coagulative, Mild
		Pigmentation	Mild
			[Pigmentation TGLS = 10-2]
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Necrosis	Coagulative, Minimal
Mesentery		Necrosis	Coagulative, Moderate
			[Necrosis TGLS = 5-1]
* Spleen		Congestion	Mild
			[Congestion TGLS = 7-3]
* Thymus		Necrosis	Coagulative, Moderate
Tongue			
			Note: THE EXTRA PIECE OF TISSUE
			Note: ON SLIDE 7 APPEARS TO BE THE TONGUE

PRIMARY CAUSE OF DEATH

-

Animal Note: NECROSIS IN SEVERAL ORGANS INCLUDING THE

Animal Note: LIVER, MANDIBULAR LYMPH NODE, AND THYMUS.

Animal Note: THE CAUSE OF DEATH IS PROBABLY RELATED TO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Pituitary Gland
* Salivary Glands	* Skin	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Seminal Vesicle	* Stomach, Glandular
* Thymus			

OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 12-2]			
* Intestine Small, Ileum		Adenocarcinoma	
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hepatocellular Adenoma TGLS = 14-2]			
[Hepatocellular Carcinoma TGLS = 13,15-2.1]			
[Pigmentation TGLS = 11-2+2.1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 724

HISTO: 860176

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 6,7,8,9-3.1+3.2+7]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Nose	Inflammation	Acute, Mild
* Prostate	Inflammation	Chronic Active, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 16-3]		
* Stomach, Forestomach	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4,5-3.2]		
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 3

SEX: Male

DAY ON TEST: 458

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Hepatocellular Adenoma	
		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 168

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	Ear
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Skin
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 3-9]			
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Fatty Change TGLS = 10-2.1]			
[Hepatocellular Adenoma TGLS = 6,10,7,8,9-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 4-1+1.1]			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860175

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Squamous Cell Carcinoma

[Squamous Cell Carcinoma TGLS = 5-3.1]

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 5,11-3.1]

* Stomach, Glandular

Inflammation

Chronic Active, Mild

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 169

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 512

HISTO: 843460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Esophagus	* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: PROXIMAL CONVOLUTED TUBULES SHOW PROMINENT HYALINE			
Note: DROPLETS IN THE CYTOPLASM AND LUMEN.			
* Liver		Lymphoma Malignant Undifferentiated Cell Type	
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-2]			
* Lung		Lymphoma Malignant Undifferentiated Cell Type	
		Pigmentation	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
* Nose		Inflammation	Acute, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2,3-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 170

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 633

HISTO: 852768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 3-9]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 15,16,17-2+2.1+2.2]			
[Pigmentation TGLS = 14-2+2.1+2.2]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 8-1]			
* Lymph Node, Mesenteric		Depletion Lymphoid	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 3

SEX: Male

DAY ON TEST: 633

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 852768

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171	TRT#: 3 DOSE: 2.0% 71HM	SEX: Male DISP: Dead	DAY ON TEST: 109 HISTO: 833216
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THE CAUSE OF DEATH IS NOT APPARENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 3

SEX: Male

DAY ON TEST: 458

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Spleen
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OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 3

SEX: Male

DAY ON TEST: 249

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 840698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Inflammation	Chronic Active, Minimal
* Liver	Pigmentation	Minimal
[Pigmentation TGLS = 9-2]		
* Skin	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-3]		
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-3]		

PRIMARY CAUSE OF DEATH -

Animal Note: SKIN LESION ON THE RIGHT SIDE.

Animal Note: THIS ANIMAL WAS KILLED BECAUSE OF THE LARGE OPEN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 3

SEX: Male

DAY ON TEST: 458

DOSE: 2.0% 71HM

DISP: Interval Sacrifice

HISTO: 84-2557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Acute, Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Testes		Atrophy	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 689
DOSE: 2.0% 71HM **DISP:** Moribund **HISTO:** 860177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone	Joint, Tarsal	Hyperostosis	Marked
[Hyperostosis TGLS = 2-9]			
* Kidney	Renal Tubule	Inflammation	Chronic Active, Minimal
[Pigmentation TGLS = 5-3]		Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatoblastoma	
		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
[Hepatoblastoma TGLS = 10-2.1]		Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 4,10,11,12,13-2+2.1+2.2]			
[Pigmentation TGLS = 3-2+2.1+2.2]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Angiectasis	Marked
[Angiectasis TGLS = 6-5]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 3

SEX: Male

DAY ON TEST: 689

DOSE: 2.0% 71HM

DISP: Moribund

HISTO: 860177

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 176

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 722

HISTO: 860180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Pituitary Gland

* Adrenal Medulla
* Intestine Small, Ileum
* Trachea

* Bone
* Islets, Pancreatic

* Bone Marrow
* Nose

MISSING

* Mammary Gland

* Parathyroid Gland

* Thymus

* Thyroid Gland

OBSERVATIONS

* Brain
Coagulating Gland

Thalamus

Mineralization
Inflammation
Squamous Cell Carcinoma

Minimal
Chronic Active, Mild
Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 8-4]

* Epididymis

Inflammation
Squamous Cell Carcinoma

Chronic Active, Moderate
Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 7-4]

* Gallbladder

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

* Heart

Inflammation

Chronic, Minimal

* Intestine Large, Cecum

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 17-6]

* Intestine Large, Colon

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 17-6]

* Intestine Large, Rectum

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 17-6]

* Intestine Small, Duodenum

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 16-6]

* Intestine Small, Jejunum

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 16-6]

* Kidney

Inflammation

Chronic Active, Mild

Renal Tubule

Pigmentation

Minimal

* Liver

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

Multiple

Inflammation

Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 176

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 722

HISTO: 860180

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hepatocellular Carcinoma TGLS = 19,20-2+2.1]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
Note: LARGE EOSINOPHILIC HISTIOCYTES.			
Note: WITHIN THE LUNG THERE WERE FOCAL PERIBONCHIOLAR LYMPHOCYTE			
Note: INFILTRATES AND ALVEOLAR INFILTRATES OF NEUTROPHILS AND			
[Infiltration Cellular TGLS = 6-1]			
[Inflammation TGLS = 6-1]			
Lym Node Media			
Note: THE MEDIASTINAL LYMPH NODE WAS INFILTRATED BE LARGE			
Lymph Node	Mediastinal	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 5-5]			
* Lymph Node, Mandibular		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 5-5]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 5-5]			
Mesentery		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 14-11+3.1+3.2+3.3+4+7]			
* Pancreas		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 11-3.1+3.2]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-9]			
* Prostate		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 10-4]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 176

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 722

HISTO: 860180

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Squamous Cell Carcinoma TGLS = 9-4]		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Skeletal Muscle	Abdominal Diaphragm	Squamous Cell Carcinoma Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach) Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 13-11,12-11] [Squamous Cell Carcinoma TGLS = 13-11,12-11]		
* Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 2-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 24-3]		
* Stomach, Forestomach		Inflammation Squamous Cell Carcinoma Squamous Cell Papilloma	Chronic Active, Mild
	[Squamous Cell Carcinoma TGLS = 18-3.2,18-3.2+3.3] [Squamous Cell Papilloma TGLS = 18-3.3]		
* Stomach, Glandular		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 18-3.2,18-3.2+3.3]		
* Testes		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Tooth		Dysplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: NUMBERS OF NEUTROPHILS AND PLASMA CELLS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 177

TRT#: 3

DOSE: 2.0% 71HM

SEX: Male

DISP: Moribund

DAY ON TEST: 618

HISTO: 852752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone	Joint, Tarsal	Hyperostosis	Mild
[Hyperostosis TGLS = 2-9]			
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 13-2]			
[Hepatocellular Carcinoma TGLS = 12-2.1]			
[Pigmentation TGLS = 11-2+2.1]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[Angiectasis TGLS = 9-5]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 14-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Interval Sacrifice

DAY ON TEST: 458
HISTO: 84-2558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver	Centrilobular	Cytoplasmic Alteration	Moderate
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Inflammation	Chronic Active, Mild
* Testes	Seminif Tub	Atrophy	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Esophagus			
Note: A PIECE OF THE ESOPHAGUS WAS VISIBLE IN THE LUNG SECTION.			
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: IN A FOCAL CORTICAL AREA THERE WAS A DEPRESSION ON THE			
Note: A LIGHT TAN PIGMENT WAS VISIBLE WITHIN THE LUMEN OF A RARE			
Note: PROXIMAL CONVOLUTED TUBULE.			
Note: CORTICAL SURFACE AND ATROPHY OF RENAL TUBULES IN THE			
Note: ADJACENT AREA.			
[Pigmentation TGLS = 14-3]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 12,16-2+2.1]			
[Hepatocellular Carcinoma TGLS = 11,13-2]			
[Pigmentation TGLS = 9,10-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860178

ORGAN AND ACCOUNTABLE SITE STATUS

		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 5,7-1+1.1]			
[Hemorrhage TGLS = 6,8-1+1.1]			
Lymph Node		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
Mesentery		Fibrosis	Minimal
		Mineralization	Minimal
		Necrosis	Coagulative, Moderate
[Fibrosis TGLS = 4-9]			
[Mineralization TGLS = 4-9]			
[Necrosis TGLS = 4-9]			
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-9]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen			
Note: HYPERPLASIA IN THE T-CELL OR PARACORTICAL ZONE WAS NOTED.			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 17-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 180

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.0% 71HM

DISP: Terminal Sacrifice

HISTO: 860179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 6,8-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]		
	Lymph Node	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5.1]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 2-9]		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thyroid Gland	C Cell	Adenoma	
		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 3
DOSE: 2.0% 71HM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860179

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 4	SEX: Female	DAY ON TEST: 457
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Bone

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Bone	* Lymph Node, Mesenteric	* Pituitary Gland
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OBSERVATIONS

* Gallbladder		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3

TRT#: 4

SEX: Female

DAY ON TEST: 685

DOSE: UNTREATED 71UF

DISP: Dead

HISTO: 860283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Urinary Bladder

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Autolysis	Moderate
* Intestine Large, Cecum		Autolysis	Marked
* Intestine Large, Colon		Autolysis	Moderate
* Intestine Large, Rectum		Autolysis	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Autolysis	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
	Note: THIS MAMMARY TUMOR CONTAINS A PREPONDERANCE OF GLANDULAR TISSUE.		
	[Fibroadenoma TGLS = 1-9]		
* Nose		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 4	SEX: Female	DAY ON TEST: 685
	DOSE: UNTREATED 71UF	DISP: Dead	HISTO: 860283

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: UNTREATED 71UF	DISP: Moribund	HISTO: 860282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Inflammation	Chronic Active, Mild
* Bone Marrow	Lymphoma Malignant Mixed	
* Gallbladder	Lymphoma Malignant Mixed	
* Kidney	Inflammation	Chronic, Minimal
* Liver	Lymphoma Malignant Mixed	
	Necrosis	Coagulative, Minimal
[Lymphoma Malignant Mixed TGLS = 8,9-2]		
Lymph Node	Mediastinal	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 2-5,7-5.1,1-5]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 2-5,7-5.1,1-5]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 2-5,7-5.1,1-5]		
* Ovary		Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 4-4]		
* Pancreas	Lymphoma Malignant Mixed	
Skeletal Muscle	Intercostal	Lymphoma Malignant Mixed
* Spleen		Hematopoietic Cell Proliferation
		Lymphoma Malignant Mixed
* Stomach, Forestomach	Acanthosis	Minimal
	Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: UNTREATED 71UF	DISP: Moribund	HISTO: 860282

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Depletion Lymphoid	Moderate
Note: SMALL FRAGMENT OF THYMUS WHICH WAS PRESENT SHOWED			
Note: LYMPHOID DEPLETION.			
Note: ACTUALLY ENLARGED MEDIASTINAL LYMPH NODES. IF ANYTHING THE			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Moderate
[Hydrometra TGLS = 5-]			
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: WHAT APPEARED TO THE TRIMMER AS ENLARGED THYMUS WAS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

Note: AT THE FORESTOMACH/GLANDULAR STOMACH JUNCTION THERE WAS

PRIMARY CAUSE OF DEATH

-

Animal Note: THERE WAS MINIMAL EPITHELIAL HYPERPLASIA EXTENDING BELOW

Animal Note: THE LUMENAL SURFACE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Bone

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1,2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8	TRT#: 4 DOSE: UNTREATED 71UF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 860284
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 3-2.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Mild
[Hydrometra TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9

TRT#: 4

SEX: Female

DAY ON TEST: 592

DOSE: UNTREATED 71UF

DISP: Dead

HISTO: 852769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex	Angiectasis	Minimal
* Intestine Large, Cecum	Autolysis	Minimal
* Intestine Large, Colon	Autolysis	Moderate
* Intestine Small, Duodenum	Autolysis	Minimal
* Intestine Small, Ileum	Autolysis	Marked
* Intestine Small, Jejunum	Autolysis	Marked
* Kidney	Inflammation	Chronic, Minimal
* Liver	Fatty Change	Mild
* Lymph Node, Mesenteric	Depletion Lymphoid	Moderate
	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Minimal
* Thymus	Depletion Lymphoid	Moderate
* Urinary Bladder	Autolysis	Moderate
	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Hydronephrosis	Minimal
		Inflammation	Chronic, Minimal
* Lung	Mediastinum	Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Angiectasis	Mild
[Angiectasis TGLS = 4-5]			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Inflammation	Chronic Active, Minimal
* Spleen		Hemangioma	
[Hemangioma TGLS = 3-3]			
* Thymus		Cyst	Minimal
		Lymphoma Malignant Lymphocytic	
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild
[Hydrometra TGLS = 2-4]			
[Hyperplasia TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860286

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 478

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 843350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation Inflammation	Minimal Chronic Active, Mild
[Inflammation TGLS = 9-7]			
* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Esophagus		Basosquamous Tumor Malignant	Metastatic (Uterus)
* Gallbladder		Basosquamous Tumor Malignant	Metastatic (Uterus)
[Basosquamous Tumor Malignant TGLS = 14-2.1]			
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Basosquamous Tumor Malignant Hemorrhage	Metastatic (Uterus) Minimal
[Basosquamous Tumor Malignant TGLS = 5-1]			
[Hemorrhage TGLS = 5-1]			
Lymph Node	Renal	Basosquamous Tumor Malignant	Metastatic (Uterus)
	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Inflammation	Acute, Mild
[Basosquamous Tumor Malignant TGLS = 12-2.1]			
[Hyperplasia TGLS = 13-11]			
[Inflammation TGLS = 13-11]			
* Lymph Node, Mesenteric		Basosquamous Tumor Malignant	Metastatic (Uterus)
[Basosquamous Tumor Malignant TGLS = 12-2.1]			
Mesentery		Basosquamous Tumor Malignant	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 478

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 843350

ORGAN AND ACCOUNTABLE SITE STATUS

[Basosquamous Tumor Malignant TGLS = 7-10+11]

* Ovary Basosquamous Tumor Malignant
* Pancreas Basosquamous Tumor Malignant
Vacuolization Cytoplasmic

Metastatic (Uterus)
Metastatic (Uterus)
Mild

[Basosquamous Tumor Malignant TGLS = 6-9+10]

* Salivary Glands Submandibul GI Inflammation
Skeletal Muscle Diaphragm Basosquamous Tumor Malignant

Chronic, Minimal
Metastatic (Uterus)

[Basosquamous Tumor Malignant TGLS = 10-11]

* Skin Subcut Tiss Fibrosarcoma
Subcut Tiss Hemangioma

[Hemangioma TGLS = 4-9]

* Spleen Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 8-3]

* Stomach, Forestomach Hyperkeratosis

Mild

* Thymus Depletion Lymphoid

Mild

* Urinary Bladder Inflammation

Chronic Active, Minimal

* Uterus Cervix Basosquamous Tumor Malignant

[Basosquamous Tumor Malignant TGLS = 3-4.2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Inflammation	Chronic Active, Mild
Note: LARGE PORTION OF THE LUNG.			
Note: SUBPLEURAL AGGREGATES OF LYMPHOCYTES WERE NOTED OVER A			
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Lymph Node, Mandibular
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OBSERVATIONS

* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 4	SEX: Female	DAY ON TEST: 610
	DOSE: UNTREATED 71UF	DISP: Dead	HISTO: 852753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Liver	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Stomach, Forestomach	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Autolysis	Moderate
* Intestine Large, Cecum		Autolysis	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Autolysis	Mild
* Stomach, Glandular		Autolysis	Mild
* Urinary Bladder		Autolysis	Moderate
		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Nose
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-3]		
* Liver		Lymphoma Malignant Mixed	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5.1,7-9]		
	[Lymphoma Malignant Mixed TGLS = 5-5.1,7-9]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5.1,7-9]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Lymphoma Malignant Mixed	
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Parotid GI	Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-3]		
* Thymus		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-5]		
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860287

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hydrometra

Marked

Hyperplasia

Mild

[Hydrometra TGLS = 2,3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
Note: MINIMAL SINGLE CELL NECROSIS WAS NOTED IN THE LIVER. [Hepatocellular Adenoma TGLS = 4-2]			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
		Necrosis	Coagulative, Mild
			[Hyperplasia TGLS = 3-5.1]
			[Necrosis TGLS = 3-5.1]
Mesentery		Inflammation	Chronic Active, Moderate
		Necrosis	Coagulative, Moderate
		Pigmentation	Mild
* Ovary		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
			[Cyst TGLS = 2-4]
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860291

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hyperplasia TGLS = 1-3]		Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 860292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 8-5]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 8-5]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 8-5]		
Mesentery		Lymphoma Malignant Mixed	
* Ovary		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5,6-4]		
* Pancreas		Lymphoma Malignant Mixed	
		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Parotid GI	Lymphoma Malignant Mixed	
	Submandibul GI	Lymphoma Malignant Mixed	
Skeletal Muscle	Intercostal	Lymphoma Malignant Mixed	
* Skin		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-3]		
* Stomach, Forestomach		Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 4	SEX: Female	DAY ON TEST: 701
	DOSE: UNTREATED 71UF	DISP: Moribund	HISTO: 860292

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal
[Acanthosis TGLS = 9-3]			
[Hyperkeratosis TGLS = 9-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
		Lymphoma Malignant Mixed	
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Islets, Pancreatic	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Hemorrhage	Minimal
Note: HANDLING AT NECROPSY.			
Note: MINOR HEMORRHAGE IN THE LUNG ARE PROBABLY RELATED TO			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Mild
		Ulcer	Multiple, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Bone

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lymph Node, Mesenteric		Depletion Lymphoid	Mild
* Ovary	Periovarn Tiss	Inflammation	Chronic, Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary		Cyst	Multiple, Mild
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Mild
	[Dilatation TGLS = 2,3-5.1]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Bone

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: UNTREATED 71UF

DISP: Interval Sacrifice

HISTO: 84-2698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Ovary
* Spleen
* Trachea

* Adrenal Medulla
* Gallbladder
* Intestine Large, Rectum
* Lung
* Parathyroid Gland
* Stomach, Forestomach

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Mammary Gland
* Salivary Glands
* Stomach, Glandular

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Nose
* Skin
* Thyroid Gland

MISSING

* Bone

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Pituitary Gland

OBSERVATIONS

* Kidney
* Liver

Inflammation
Inflammation
Necrosis

Chronic, Minimal
Chronic Active, Minimal
Coagulative, Minimal

* Pancreas
* Thymus
* Urinary Bladder
* Uterus

Inflammation
Cyst
Inflammation
Hydrometra

Chronic, Minimal
Minimal
Chronic, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 733
DOSE: UNTREATED 71UF **DISP:** Terminal Sacrifice **HISTO:** 860295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Intestine Large, Rectum	Epithelium, Peyers Patch	Proliferation	Mild
[Proliferation TGLS = 1-9]			
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 2-4.1]		Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Skin		Acanthosis	Mild
	Subcut Tiss	Inflammation	Acute, Moderate
		Mineralization	Minimal
		Squamous Cell Papilloma	
[Acanthosis TGLS = 1-9+9.1+9.2+9.3+9.4]			
[Inflammation TGLS = 1-9+9.1+9.2+9.3+9.4]			
[Squamous Cell Papilloma TGLS = 1-9+9.1+9.2+9.3+9.4]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860295

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 3-4]	Endometrium	Hyperplasia	Moderate
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
	Periovarn Tiss	Inflammation	Chronic Active, Mild
[Cyst TGLS = 3-4.1]			
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Angiectasis TGLS = 3-5]			
* Nose		Inflammation	Acute, Minimal
* Ovary		Cyst	Minimal
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Mammary Gland	* Nose	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed Mineralization	Minimal
* Brain	Thalamus		
* Gallbladder		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
* Lung		Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant Mixed	
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Cytoplasmic Alteration	Minimal
		Vacuolization Cytoplasmic	Minimal
Note: GRANULES.			
Note: IN A FOCAL AREA ACINI CONTAINED INCREASED ZYMOGEN			
* Salivary Glands	Submandibul GI	Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 2-3]	
* Thymus		Angiectasis	Mild
		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860300

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPHOCYTES WERE WITHIN THE SMALL FOLLICULAR CELL ADENOMA

Note: NEOPLASTIC.

Note: THE LYMPHOID CELLS APPEAR TO BE INFLAMMATORY RATHER THAN

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Hydrometra

Mild

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
[Angiectasis TGLS = 3-5]			
* Pancreas		Cytoplasmic Alteration	Minimal
Note: GRANULES.			
Note: IN A FOCAL AREA ACINI CONTAINED INCREASED ZYMOGEN			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	
		Cyst	
		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Ovary
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild

[Hydrometra TGLS = 1-4]
[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
Eye			
Note: THE RIGHT EYE PROBABLY LOOKED ENLARGED AND PROPTOSED			
Note: BECAUSE OF THE RETROBULBAR HARDERIAN GLAND TUMOR.			
Harderian Gland		Adenoma	
		Inflammation	Chronic, Minimal
[Adenoma TGLS = 4-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose	Nasolacrim Dct	Hyperplasia	Moderate
		Inflammation	Acute, Minimal
Note: LYMPHOCYTES AND OTHER MONONUCLEAR CELLS.			
Note: AND THE TISSUE SURROUNDING THE DUCT WAS INFILTRATED BY			
Note: ONE OF THE NASOLACRIMAL DUCTS WAS FILLED WITH NEUTROPHILS			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860302

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-3]

* Stomach, Forestomach

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Inflammation

Chronic Active, Mild

* Uterus

Endometrium

Hyperplasia

Mild

Leiomyoma

[Leiomyoma TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney		Infarct	Mild
		Inflammation	Chronic, Mild
Note: THERE APPEAR TO BE MULTIPLE DEPRESSED AREAS ON THE CORTEX			
Note: OF THE KIDNEY WHERE THERE ARE ATROPHIC GLOMERULI, RE-			
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860301

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
		Inflammation	Necrotizing, Acute, Mild
		Pigmentation	Moderate

Note: NORMAL AMOUNTS OF PIGMENT.

Note: THE STROMA OF BOTH OVARIES IS INFILTRATED BY LARGER THAN

[Inflammation TGLS = 2-4]

[Inflammation TGLS = 2-4]

* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

[Hyperplasia TGLS = 3-4]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860305

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
Note: CRANIUM.			
Note: MYELOFIBROSIS WAS ALSO OBSERVED WITHIN THE BONES OF THE			
* Kidney		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Minimal

[Hydrometra TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary		Angiectasis	Mild
		Cyst	Mild
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
Note: OVARY, IT WAS NOT PRESENT IN THE SECTION.			
Note: ALTHOUGH 2 RECUTS WERE TAKEN TO DEMONSTRATE THE SECOND			
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Inflammation	Chronic, Minimal
		Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 6-5.1]		
* Nose		Inflammation	Acute, Minimal
* Ovary		Hemangioma	
	[Hemangioma TGLS = 3-4]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-3]		
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal
	[Leiomyoma TGLS = 4-4]	Leiomyoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 4	SEX: Female	DAY ON TEST: 76
	DOSE: UNTREATED 71UF	DISP: Dead	HISTO: 833040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Liver
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Thymus	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Inflammation	Chronic, Minimal
* Kidney		Glomerulosclerosis	Marked
* Lung		Congestion	Mild
[Congestion TGLS = 3-1]			
* Urinary Bladder	Submucosa	Proliferation	Mild

Note: TO BE A HYPERCELLULARITY IN THE SUBMUCOSA OF THE BLADDER.

PRIMARY CAUSE OF DEATH

-

Animal Note: THE CAUSE OF DEATH WOULD APPEAR TO BE
Animal Note: RELATED TO THE MARKED GLOMERULOSCLEROSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Adrenal Medulla	* Mammary Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney	Prox Con Tub	Degeneration	Hyaline, Mild
Note: WITH EOSINOPHILIC DROPLETS.			
Note: THE CYTOPLASM AND SOMETIMES THE LUMEN OF PCT WERE FILLED			
[Degeneration TGLS = 5-3]			
* Liver		Lymphoma Malignant Histiocytic Necrosis	Coagulative, Mild
[Lymphoma Malignant Histiocytic TGLS = 6,7,8-2+2.1+2.2]			
* Lymph Node, Mesenteric		Infiltration Cellular Pigmentation	Histiocyte, Minimal Minimal
* Ovary		Lymphoma Malignant Histiocytic	
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid Hematopoietic Cell Proliferation	Moderate Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra Lymphoma Malignant Histiocytic	Mild
Note: EXTENSIVE NECROSIS WAS OBSERVED WITHIN THE UTERINE TUMOR.			
[Hydrometra TGLS = 3-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860306

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Histiocytic TGLS = 4-4+4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hemangioma	
[Hemangioma TGLS = 5-2]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hydrometra	Marked
		Hyperplasia	Mild
[Hydrometra TGLS = 3-4]			
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATED 71UF	DISP: Terminal Sacrifice	HISTO: 860311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
Note: APPEAR TO BE SLIGHTLY LARGER THAN NORMAL.			
Note: PERIVASCULAR AND PERIBRONCHIOLAR LYMPHOCYTE INFILTRATES			
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Bone	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43 TRT#: 4 SEX: Female DAY ON TEST: 734
DOSE: UNTREATED 71UF DISP: Terminal Sacrifice HISTO: 860312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Meninges	Lymphoma Malignant Mixed	
	Thalamus	Mineralization	Minimal
Note: OF LYMPHOCYTES.			
* Kidney		Lymphoma Malignant Mixed	
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44	TRT#: 4 DOSE: UNTREATED 71UF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 860313
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea	* Uterus		

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Heart		Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Pancreas		Cytoplasmic Alteration	Minimal
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Distalis	Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 1-3]	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Skin	* Trachea		

MISSING

* Brain	* Parathyroid Gland		
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OBSERVATIONS

* Adrenal Cortex		Carcinoma	
[Carcinoma TGLS = 2-7+7.1+7.2]			
* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Acanthosis TGLS = 3-3.1]			
[Hyperkeratosis TGLS = 3-3.1]			
[Inflammation TGLS = 3-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 3-3.1]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860310

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Hydrometra

Mild

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

Animal Note: THE ARCHITECTURE OF THE ADRENAL IS ALTERED BY AN

Animal Note: WITH OVAL, ROUND, AND IRREGULAR NUCLEI. THESE CELLS ARE

Animal Note: ARRANGED IN SHEETS AND IN FOCAL AREAS HAVE INVADED INTO

Animal Note: AND THROUGH THE CAPSULE.

Animal Note: UNUSUAL LESION COMPOSED OF SLIGHTLY PLEOMORPHIC CELLS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Trachea	

MISSING

* Mammary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Angiectasis	Mild
		Cyst	Moderate
		Granulosa Cell Tumor Benign	
	Periovarn Tiss	Inflammation	Chronic Active, Mild
	Periovarn Tiss	Mineralization	Mild
	[Cyst TGLS = 2-4]		
	[Granulosa Cell Tumor Benign TGLS = 2-4]		
* Pancreas		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860314

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 3-4]

Endometrium

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: UNTREATED 71UF

DISP: Dead

HISTO: 860316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Islets, Pancreatic
* Thyroid Gland

* Adrenal Medulla
* Parathyroid Gland
* Trachea

* Esophagus
* Pituitary Gland
* Uterus

* Heart
* Skin

MISSING

* Lymph Node, Mandibular

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone [Osteosarcoma TGLS = 8,9-8+9]	Rib	Osteosarcoma	
* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Autolysis	Marked
* Intestine Large, Cecum		Autolysis	Moderate
* Intestine Large, Colon		Autolysis	Moderate
* Intestine Large, Rectum		Autolysis	Moderate
* Intestine Small, Duodenum		Autolysis	Moderate
* Intestine Small, Ileum		Autolysis	Moderate
* Kidney		Inflammation	Chronic, Minimal
		Osteosarcoma	Metastatic (Bone)
* Liver [Autolysis TGLS = 5-2]		Autolysis	Mild
* Lung [Osteosarcoma TGLS = 2-1]		Osteosarcoma	Metastatic (Bone)
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 7-5.1]		Lymphoma Malignant Mixed	
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 4	SEX: Female	DAY ON TEST: 708
	DOSE: UNTREATED 71UF	DISP: Dead	HISTO: 860316

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid	Moderate
* Stomach, Forestomach		Hyperkeratosis	Mild
* Stomach, Glandular		Autolysis	Mild
* Thymus		Depletion Lymphoid	Marked
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 3-5]			
* Urinary Bladder		Autolysis	Moderate
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 653
DOSE: UNTREATED 71UF **DISP:** Moribund **HISTO:** 860317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Parathyroid Gland	* Pituitary Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Bone Marrow		Lymphoma Malignant Mixed	
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Lymphoma Malignant Mixed	
* Heart		Lymphoma Malignant Mixed	
* Intestine Large, Colon		Lymphoma Malignant Mixed	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 10-2]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5,7-5,2-9,4-6,11-3,8-5.1,9-3.1]			
* Mammary Gland		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 4

SEX: Female

DAY ON TEST: 653

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 860317

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPHOMA INFILTRATES INTO THE MAMMARY GLAND ARE VISIBLE

Note: IN THE SECTION WITH THE INGUINAL LYMPH NODE.

Mesentery		Lymphoma Malignant Mixed
* Nose		Lymphoma Malignant Mixed
* Ovary		Lymphoma Malignant Mixed
* Pancreas		Lymphoma Malignant Mixed
* Salivary Glands	Parotid GI	Lymphoma Malignant Mixed
	Sublingual GI	Lymphoma Malignant Mixed
	Submandibular GI	Lymphoma Malignant Mixed
Skeletal Muscle	Intercostal	Lymphoma Malignant Mixed
* Skin		Lymphoma Malignant Mixed
* Spleen		Lymphoma Malignant Mixed
	[Lymphoma Malignant Mixed TGLS = 6-3.1]	
* Stomach, Forestomach		Lymphoma Malignant Mixed
* Stomach, Glandular		Lymphoma Malignant Mixed
* Thymus		Lymphoma Malignant Mixed
	[Lymphoma Malignant Mixed TGLS = 5-5]	
* Thyroid Gland		Lymphoma Malignant Mixed
* Urinary Bladder		Lymphoma Malignant Mixed
* Uterus		Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic Active, Mild
* Ovary		Cyst	Minimal
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Fibrosis	Minimal
		Hyperplasia	Lymphoid, Minimal
		Inflammation	Chronic, Minimal
			[Fibrosis TGLS = 1-3]
			[Hyperplasia TGLS = 1-3]
			[Inflammation TGLS = 1-3]
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
			[Acanthosis TGLS = 2-3]
			[Hyperkeratosis TGLS = 2-3]
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860315

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 4

SEX: Female

DAY ON TEST: 628

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 852803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Ear	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal
[Acanthosis TGLS = 4-3]			
[Hyperkeratosis TGLS = 4-3]			
Tooth		Abscess	Mild
		Dysplasia	Marked
Note: THE ENAMEL AND DENTINE OF ONE OF THE INCISOR TEETH WAS			
Note: VERY THICK AND MISSHAPEN DUE TO CHRONIC INFLAMMATION.			
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 4

SEX: Female

DAY ON TEST: 628

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 852803

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic Active, Moderate
[Cyst TGLS = 2-4]			
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-3.1]			
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Metaplasia	Squamous, Minimal
[Hyperplasia TGLS = 3-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860318

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: UNTREATED 71UF	DISP: Interval Sacrifice	HISTO: 84-2700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Bone	* Lymph Node, Mandibular
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OBSERVATIONS

* Kidney	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Necrosis	Coagulative, Minimal
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Minimal
* Stomach, Glandular	Inflammation	Chronic, Minimal
* Urinary Bladder	Inflammation	Chronic, Minimal
* Uterus	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Fatty Change	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-4]			
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Acanthosis	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Mild
* Lung		Hemorrhage	Minimal
Note: MINOR FOCAL HEMORRHAGES NOTED ARE PROBABLY RELATED TO Note: HANDLING AT NECROPSY.			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: UNTREATED 71UF

DISP: Interval Sacrifice

HISTO: 84-2701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Bone

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	Marked
* Pancreas		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hydrometra	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 4

SEX: Female

DAY ON TEST: 706

DOSE: UNTREATED 71UF

DISP: Dead

HISTO: 860324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 10-2]			
* Lung		Leukocytosis	Moderate
Lymph Node	Mediastinal	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-5]			
* Lymph Node, Mandibular		Congestion	Minimal
		Hyperplasia	Lymphoid, Moderate
[Congestion TGLS = 2-5]			
[Hyperplasia TGLS = 4-5]			
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Lymphoid, Marked
[Angiectasis TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
Mesentery		Inflammation	Chronic Active, Marked
Note: THE SPLEEN, PANCREAS, AND AN OVARY WERE ENMESHED IN THE			
Note: THESE ORGANS WERE INFILTRATED BY LARGE NUMBERS OF MIXED			
Note: INFLAMMATORY CELLS.			
Note: MESENTERY AND WERE ADHERENT TO THE ABDOMINAL WALL. ALL OF			
[Inflammation TGLS = 6-9]			
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56	TRT#: 4	SEX: Female	DAY ON TEST: 706
	DOSE: UNTREATED 71UF	DISP: Dead	HISTO: 860324

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation	Chronic Active, Mild
		Lymphoma Malignant Mixed	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 5-3]		
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: A MIXED LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic Active, Minimal

Note: THAN USUALLY SEEN.

Note: INFLAMMATION IN THE LUNG APPEARS TO BE SLIGHTLY GREATER

* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Sublingul GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

[Hyperplasia TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860321

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Intestine Large, Cecum	Peyers Patch	Hyperplasia	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Acanthosis TGLS = 2-3.1]			
[Hyperkeratosis TGLS = 2-3.1]			
[Inflammation TGLS = 2-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-3.1]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58

TRT#: 4
DOSE: UNTREATED 71UF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 860322

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia Inflammation	Mild Chronic Active, Mild
	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		[Hepatocellular Adenoma TGLS = 5-2]	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
		Hyperplasia	Lymphoid, Moderate
		[Hyperplasia TGLS = 6-5,6-5,6-5,6-5]	
		[Hyperplasia TGLS = 6-5,6-5,6-5,6-5]	
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
		[Hyperplasia TGLS = 4-4]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATED 71UF

DISP: Terminal Sacrifice

HISTO: 860323

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 860325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell, Sternal Sternal	Hyperplasia Myelofibrosis	Marked Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Glomerulosclerosis Inflammation	Mild Chronic, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mandibular [Pigmentation TGLS = 3-5]		Pigmentation	Mild
* Lymph Node, Mesenteric [Pigmentation TGLS = 3-5]		Infiltration Cellular Inflammation Pigmentation	Histiocyte, Minimal Chronic Active, Moderate Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Cyst	Mild
* Pituitary Gland Note: THE OCCURRENCE OF AN ADENOMA IN THE PARS INTERMEDIA IS A Note: RARE OBSERVATION.	Pars Intermed	Adenoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Skin Note: FIBROSARCOMA. Note: MATION WAS NOTED IN THE SUBCUTANEOUS TISSUES AND THE	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: UNTREATED 71UF

DISP: Moribund

HISTO: 860325

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EXTENSIVE COAGULATIVE NECROSIS AND CHRONIC ACTIVE INFLAM-

[Fibrosarcoma TGLS = 2-9]

* Spleen

Depletion Lymphoid

Moderate

Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 5,6-3.1]

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

[Hyperplasia TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
Harderian Gland		Adenoma	
Note: FOCAL AGGREGATES OF MONONUCLEAR CELLS, VIZ. LYMPHOCYTES, Note: PLASMA CELLS, AND OTHERS WERE SCATTERED ABOUT IN THE Note: ADENOMA. [Adenoma TGLS = 8-9]			
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 5,6,7-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861529

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Cyst	Mild
* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
[Hepatocellular Adenoma TGLS = 4-2]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Chronic Active, Mild
[Acanthosis TGLS = 7-3]			
[Hyperkeratosis TGLS = 7-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861530

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-3]

* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63	TRT#: 5 DOSE: 1.0% 71LF	SEX: Female DISP: Moribund	DAY ON TEST: 372 HISTO: 841962
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 6-9]	Carcinoma	
* Kidney	Inflammation	Chronic, Minimal
* Liver [Pigmentation TGLS = 4-2]	Pigmentation	Minimal
* Lung Note: TUMORS IN THE LUNG. ONLY HEMORRHAGES WERE OBSERVED. Note: THE HEMORRHAGES OBSERVED IN THE LUNG BY THE TRIMMER WERE Note: APPARENTLY WHITE RATHER THAN DARK IN THE FIXED TISSUES. Note: ADDITIONAL RECUTS OF THE LUNG FAILED TO REVEAL ANY [Hemorrhage TGLS = 7,8-1]	Hemorrhage	Minimal
* Pancreas	Inflammation	Chronic Active, Minimal
* Uterus	Hydrometra	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 5

SEX: Female

DAY ON TEST: 657

DOSE: 1.0% 71LF

DISP: Dead

HISTO: 861532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Esophagus	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Gallbladder		Autolysis	Moderate
* Heart		Mineralization	Minimal
		Thrombosis	Mild
* Intestine Large, Cecum		Autolysis	Moderate
* Intestine Small, Duodenum		Autolysis	Mild
* Intestine Small, Ileum		Autolysis	Moderate
* Intestine Small, Jejunum		Autolysis	Mild
* Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: THIS IS NOT AN UNCOMMON FINDING IN ANIMALS WITH LEUKEMIA.			
Note: A FAIR NUMBER OF GLOMERULI APPEAR TO BE HYPERCELLULAR.			
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
	[Hepatocellular Adenoma TGLS = 7,9-2+2.1]		
	[Lymphoma Malignant Mixed TGLS = 8,10-2+2.1]		
* Lung		Hemorrhage	Mild
		Lymphoma Malignant Mixed	
	[Hemorrhage TGLS = 3-1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 5	SEX: Female	DAY ON TEST: 657
	DOSE: 1.0% 71LF	DISP: Dead	HISTO: 861532

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	Minimal
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
Note: A LARGE AREA OF COAGULATIVE NECROSIS AND HEMORRHAGE WAS NOTED IN THE LYMPHOMA WITHIN THE SPLEEN. [Lymphoma Malignant Mixed TGLS = 4,5-3.1]			
* Urinary Bladder		Autolysis	Moderate
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 65

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Stomach, Glandular

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Carcinoma	Multiple
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
Note: HEPATOCELLULAR CARCINOMA THAN ELSEWHERE IN THE LIVER. [Hepatocellular Carcinoma TGLS = 6-2.2]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Multiple, Mild
Note: MULTIPLE SMALL HEMORRHAGIC CYSTS WERE NOTED IN ONE OVARY.			
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
Note: THE FORESTOMACH WITH INVASION INTO THE SUBMUCOSA. THERE [Squamous Cell Carcinoma TGLS = 7-3.1]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861531

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: THERE APPEARS TO BE AN EARLY SQUAMOUS CELL CARCINOMA IN

Animal Note: THE AREA.

Animal Note: WAS ACUTE, CHRONIC ACTIVE, AND CHRONIC INFLAMMATION IN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 5 DOSE: 1.0% 71LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 861533
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Trachea

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 5-2]	
		[Hepatocellular Carcinoma TGLS = 4,6-2+2.1]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 3-5]	
* Stomach, Forestomach		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 7-3]	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
		Note: THE FAILURE TO DISTEND THE BLADDER WITH FIXATIVE GIVES	
		Note: FOLDS IN THE WALL.	
		Note: THE IMPRESSION OF A PSEUDOPAPILLOMA BECAUSE OF ALL THE	
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861533

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal

Note: IN THE HEPATOCELLULAR TUMORS.

Note: MULTIPLE FOCAL AREAS OF COAGULATIVE NECROSIS WERE NOTED

[Hepatocellular Adenoma TGLS = 9,10-2.1+2.3]

[Hepatocellular Carcinoma TGLS = 7,8-2+2.2]

* Lung		Alveolar/Bronchiolar Adenoma	

[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]

* Ovary		Abscess	Moderate
	Periovarn Tiss	Inflammation	Chronic Active, Moderate

[Abscess TGLS = 5-4]

* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

[Hyperplasia TGLS = 6-4]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861534

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 68

TRT#: 5

SEX: Female

DAY ON TEST: 652

DOSE: 1.0% 71LF

DISP: Dead

HISTO: 861537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Intestine Large, Cecum	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Gallbladder		Autolysis	Mild
* Intestine Large, Colon		Autolysis	Minimal
* Intestine Large, Rectum		Autolysis	Minimal
* Intestine Small, Duodenum		Autolysis	Minimal
* Intestine Small, Ileum		Autolysis	Marked
* Intestine Small, Jejunum		Autolysis	Moderate
* Kidney		Inflammation	Chronic, Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 12-2]		
* Lung	Pleura	Inflammation	Acute, Minimal
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
	[Hyperplasia TGLS = 14-9]		
Mesentery		Inflammation	Chronic Active, Mild
* Ovary		Abscess	Marked
	[Abscess TGLS = 6-4.1]		
* Pancreas		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 8-3]		
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 5	SEX: Female	DAY ON TEST: 652
	DOSE: 1.0% 71LF	DISP: Dead	HISTO: 861537

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 15-3.1] [Hyperkeratosis TGLS = 15-3.1] [Hyperplasia TGLS = 15-3.1]		Hyperplasia	Basal Cell, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Minimal Chronic Active, Mild
[Inflammation TGLS = 7-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 5-2]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
	[Hemorrhage TGLS = 4-5]		
* Ovary		Cyst	Marked
	Periovarn Tiss	Inflammation	Chronic Active, Mild
	[Cyst TGLS = 3-4.1]		
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861535

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Thymus	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 4,5-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 8-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Multiple, Mild
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
	[Cyst TGLS = 3-4]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 9-3.1]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861536

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 1-Amino-2,4-dibromoanthraquinone
 CAS Number: 81-49-2

Date Report Requested: 10/23/2014
 Time Report Requested: 02:50:16
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 71 TRT#: 5 SEX: Female DAY ON TEST: 730
 DOSE: 1.0% 71LF DISP: Terminal Sacrifice HISTO: 861538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-6.1]			
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 8-2+2.1]			
[Hepatocellular Carcinoma TGLS = 6,7,9,10-2.1+2.2+2.3]			
[Pigmentation TGLS = 11-2+2.1+2.2+2.3]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
Mesentery		Fibrosis	Minimal
		Necrosis	Coagulative, Mild
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 5 DOSE: 1.0% 71LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 861538
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Minimal
[Acanthosis TGLS = 12-3.1]			
[Hyperkeratosis TGLS = 12-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 5

SEX: Female

DAY ON TEST: 713

DOSE: 1.0% 71LF

DISP: Moribund

HISTO: 861541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	Minimal
		Pigmentation	Minimal
	[Hepatocellular Carcinoma TGLS = 5-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 6-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Moribund

DAY ON TEST: 713
HISTO: 861541

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Glandular
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 3,4-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Minimal
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 5-3]		
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861539

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74	TRT#: 5	SEX: Female	DAY ON TEST: 455
	DOSE: 1.0% 71LF	DISP: Interval Sacrifice	HISTO: 84-3128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver	Inflammation	Acute, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Ovary	Cyst	Marked
* Stomach, Forestomach	Acanthosis	Minimal
	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 7,8,9-2+2.1]		
	[Pigmentation TGLS = 10-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	[Hyperplasia TGLS = 6-5]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
	[Hyperplasia TGLS = 5-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 861540

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Skin	* Trachea	* Uterus

MISSING

* Mammary Gland	* Nose
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney	Renal Tubule	Atrophy	Minimal
		Glomerulosclerosis	Minimal
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Note: ATROPHY AND REGENERATION PLUS MINIMAL DIFFUSE			
Note: CONVOLUTED TUBULES.			
Note: CONSIDERABLE PIGMENT IN THE CYTOPLASM OF PROXIMAL			
Note: GLOMERULOSCLEROSIS.			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Mild
	[Hepatocellular Adenoma TGLS = 6,7-2+2.1]		
	[Hepatocellular Carcinoma TGLS = 6-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 8-1.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Angiectasis	Mild
* Pancreas		Atrophy	Mild
	Duct	Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861545

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 3-5]		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Moderate
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Stomach, Forestomach		Squamous Cell Carcinoma	
Note: NOTED IN THE FORESTOMACH IN ASSOCIATION WITH THE			
[Squamous Cell Carcinoma TGLS = 4,5-3.1+3.1.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: SQUAMOUS CELL CARCINOMA.

Animal Note: CONSIDERABLE CHRONIC AND CHRONIC ACTIVE INFLAMMATION WAS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Skin	* Spleen	* Trachea

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Squamous Cell Carcinoma	
	[Acanthosis TGLS = 7-3]		
	[Hyperkeratosis TGLS = 7-3]		
	[Squamous Cell Carcinoma TGLS = 6-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861542

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-6]			
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Pigmentation	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 6-2]			
[Hepatocellular Carcinoma TGLS = 7-2.1]			
[Pigmentation TGLS = 8-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861544

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	
	[Squamous Cell Carcinoma TGLS = 9-3]		
	[Squamous Cell Papilloma TGLS = 9-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 79

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Glandular	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Lymphoma Malignant Mixed	
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Pancreas		Lymphoma Malignant Mixed	
		Vacuolization Cytoplasmic	Minimal
	[Lymphoma Malignant Mixed TGLS = 2-5.1]		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3,4-3.1]		
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Minimal
		Inflammation	Chronic Active, Minimal
		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861543

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 6-3]

[Squamous Cell Carcinoma TGLS = 6-3]

* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Fibrosis	Mild
		Hyperplasia	Minimal

Note: IN A FOCAL AREA OF THE ENDOMETRIUM THERE WAS A HYALINIZED

Note: AREA, POSSIBLE FIBROSIS OR AMYLOIDOSIS.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 5

SEX: Female

DAY ON TEST: 457

DOSE: 1.0% 71LF

DISP: Interval Sacrifice

HISTO: 84-3129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Bone	* Kidney
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OBSERVATIONS

* Liver		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Moribund

DAY ON TEST: 716
HISTO: 861548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Skin	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Mild
* Heart		Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
Note: OTHER ISLETS.			
Note: A SINGLE ISLET WAS ABOUT 5-8 TIMES LARGER THAN THE			
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hepatocellular Adenoma TGLS = 12,13,14,15-2+2.1]			
[Hepatocellular Carcinoma TGLS = 16-2.2]			
[Pigmentation TGLS = 11-2+2.1+2.2]			
* Lung		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Lymph Node, Mesenteric		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Note: REMNANTS OF WHAT APPEAR TO BE THE MESENTERIC LYMPH NODE			
* Mammary Gland		Hyperplasia	Mild
Mesentery		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Moribund

DAY ON TEST: 716

HISTO: 861548

ORGAN AND ACCOUNTABLE SITE STATUS

Note: WERE THOUGHT TO BE IN THE PANCREAS WERE ACTUALLY IN THE

Note: MESENTERY.

Note: THE NODULES OF METASTATIC SQUAMOUS CELL CARCINOMA WHICH

[Squamous Cell Carcinoma TGLS = 7,9-5+9+10]

* Ovary		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 10-7]		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skeletal Muscle	Diaphragm	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 5-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
	Note: THE SQUAMOUS CELL CARCINOMA ARISING IN THE FORESTOMACH IS		
	[Squamous Cell Carcinoma TGLS = 8-3.1+3.1.1,8-3.1]		
* Stomach, Glandular		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	Note: ASTASIZED INTO THE GLANDULAR STOMACH.		
	[Squamous Cell Carcinoma TGLS = 8-3.1+3.1.1,8-3.1]		
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: WERE LEFT WITH THE MESENTERY IN SECTION 9.

Animal Note: AND EXTREMELY AGGRESSIVE TUMOR WHICH HAS INVADED/MET-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82	TRT#: 5 DOSE: 1.0% 71LF	SEX: Female DISP: Moribund	DAY ON TEST: 713 HISTO: 861549
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

* Esophagus	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Intestine Small, Duodenum		Angiectasis	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal

Note: MINOR CHRONIC INFLAMMATION WAS NOTED IN PERIportal AREAS

Note: OF THE LIVER.

[Clear Cell Focus TGLS = 9-2+2.1]

[Hepatocellular Adenoma TGLS = 7-2.1]

[Pigmentation TGLS = 8-2-2.1]

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
			[Hyperplasia TGLS = 6-5]
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Moribund

DAY ON TEST: 713
HISTO: 861549

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

[Hyperplasia TGLS = 5-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 5	SEX: Female	DAY ON TEST: 455
	DOSE: 1.0% 71LF	DISP: Interval Sacrifice	HISTO: 84-3130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Bone	* Kidney	* Ovary
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OBSERVATIONS

* Liver	Inflammation	Acute, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Urinary Bladder	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 84

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	

MISSING

* Trachea

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 5,6,8-2+2.1]	
		[Hepatocellular Carcinoma TGLS = 7-2.1]	
		[Pigmentation TGLS = 9-2+2.1]	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Angiectasis	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861547

ORGAN AND ACCOUNTABLE SITE STATUS

Note: STROMAL IN ORIGIN. IT HAS INVADDED THROUGH THE MUSCULARIS

Note: THE TUMOR ARISING IN THE UTERINE BODY APPEARS TO BE

Note: THE POSSIBILITY OF A LEIOMYOSARCOMA WAS CONSIDERED.

Note: EXTERNA AND CONTAINS SOME MULTINUCLEATE GIANT CELLS.

[Sarcoma Stromal TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 4,6-2]		
	[Hepatocellular Carcinoma TGLS = 5,7-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
* Spleen		Depletion Lymphoid	Mild
		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-3.1]		
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861546

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 861150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Nose	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Lymphoma Malignant Mixed	
* Kidney		Glomerulosclerosis	Minimal
		Lymphoma Malignant Mixed	
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
		Pigmentation	Minimal
	[Lymphoma Malignant Mixed TGLS = 8,9,10,11-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Lymphoma Malignant Mixed	

Note: PERIVASCULAR AND PERIBRONCHIOLAR INFILTRATES OF LEUKEMIC

Note: OTHER SECTIONS OF LUNG.

Note: CELLS WERE OBSERVED.

Note: A SECOND ALVEOLAR BRONCHIOLAR ADENOMA WAS OBSERVED IN THE

[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]

Lymph Node	Iliac	Lymphoma Malignant Mixed
	Pancreatic	Lymphoma Malignant Mixed
	Renal	Lymphoma Malignant Mixed

[Lymphoma Malignant Mixed TGLS = 5-5,7-1.1,6-9]

[Lymphoma Malignant Mixed TGLS = 5-5,7-1.1,6-9]

[Lymphoma Malignant Mixed TGLS = 5-5,7-1.1,6-9]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861150

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant Mixed TGLS = 5-5,7-1.1,6-9]		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Hyperplasia	Basal Cell, Minimal
		Inflammation	Chronic Active, Minimal
[Acanthosis TGLS = 12-3]			
[Hyperkeratosis TGLS = 12-3]			
* Thymus		Lymphoma Malignant Mixed	
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 861551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Esophagus

* Gallbladder

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Lymph Node, Mandibular

* Nose

* Parathyroid Gland

* Skin

* Stomach, Glandular

* Trachea

* Uterus

MISSING

* Mammary Gland

* Thymus

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Brain

Lymphoma Malignant Mixed

Note: SMALL LYMPHOCYTIC INFILTRATES IN THE CHOROID PLEXUS ARE

Note: SUGGESTIVE OF POSSIBLE EARLY LYMPHOMA.

* Kidney

Lymphoma Malignant Mixed

Metaplasia

Osseous, Minimal

Pigmentation

Minimal

Renal Tubule

Hepatocellular Adenoma

Hepatocellular Carcinoma

Inflammation

Necrosis

Pigmentation

Multiple

Chronic Active, Mild

Coagulative, Mild

Minimal

Note: IN THE HEPATOCELLULAR CARCINOMA.

Note: MULTIPLE FOCAL AREAS OF COAGULATIVE NECROSIS WERE NOTED

[Hepatocellular Carcinoma TGLS = 4,5-2+2.1]

* Lung

Lymphoma Malignant Mixed

Note: A FEW SMALL PERIVASCULAR LYMPHOCYTIC INFILTRATES ARE

Note: SUGGESTIVE OF EARLY LYMPHOMA.

Lymph Node

Mediastinal

Lymphoma Malignant Mixed

Renal

Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861551

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Hyperplasia TGLS = 3-9]		Hyperplasia	Lymphoid, Moderate
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: GESTIVE OF EARLY LYMPHOMA.

Animal Note: HYPERCELLULARITY AND EFFACEMENT OF ARCHITECTURE IF SUG-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Pituitary Gland	* Skin
* Spleen	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Intestine Large, Cecum	Peyers Patch	Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 4,5,6-2+2.1]	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	Multiple
		[Squamous Cell Carcinoma TGLS = 8-3.1]	
		[Squamous Cell Papilloma TGLS = 8-3.1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861552

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hydrometra TGLS = 3-4]			
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89

TRT#: 5

SEX: Female

DAY ON TEST: 587

DOSE: 1.0% 71LF

DISP: Moribund

HISTO: 852754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Moderate
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Inflammation	Acute, Mild
* Intestine Small, Ileum		Inflammation	Acute, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	Marked
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 19,18,17-2+2.1+2.2,20,21-2.3+2.4]			
[Pigmentation TGLS = 11-2+2.1+2.2+2.3+2.4]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Renal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 14-4]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Inflammation TGLS = 10-5]			
* Ovary		Abscess	Marked
[Abscess TGLS = 5-4.1]			
* Pancreas		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 5	SEX: Female	DAY ON TEST: 587
	DOSE: 1.0% 71LF	DISP: Moribund	HISTO: 852754

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 7-3]		
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 22-3]		
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Epithelium	Metaplasia	Squamous, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 5	SEX: Female	DAY ON TEST: 455
	DOSE: 1.0% 71LF	DISP: Interval Sacrifice	HISTO: 84-3131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Bone	* Ovary
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OBSERVATIONS

* Kidney	Inflammation	Chronic, Minimal
* Liver	Basophilic Focus	Minimal
	Inflammation	Acute, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach	Inflammation	Chronic Active, Minimal
	Squamous Cell Papilloma	
* Urinary Bladder	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 5	SEX: Female	DAY ON TEST: 457
	DOSE: 1.0% 71LF	DISP: Interval Sacrifice	HISTO: 84-3132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Bone	* Ovary
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OBSERVATIONS

* Kidney	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach	Squamous Cell Papilloma	
* Urinary Bladder	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92	TRT#: 5	SEX: Female	DAY ON TEST: 457
	DOSE: 1.0% 71LF	DISP: Interval Sacrifice	HISTO: 84-3133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Bone	* Ovary
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OBSERVATIONS

* Kidney	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Pigmentation	Minimal
* Urinary Bladder	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 5,6-2+2.1]		
	[Lymphoma Malignant Mixed TGLS = 8-2+2.1]		
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-5,2-5.1]		
* Lymph Node, Mandibular	Sinus	Ectasia	Moderate
		Lymphoma Malignant Mixed	
	[Ectasia TGLS = 2-5.1]		
	[Lymphoma Malignant Mixed TGLS = 4-5,2-5.1]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-5,2-5.1]		
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861553

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Fibrosis	Mild
	Endometrium	Hyperplasia	Mild
	[Fibrosis TGLS = 3-4]		
	[Hyperplasia TGLS = 3-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain	Perivascular	Inflammation	Chronic, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 5,6,7-2+2.2]	
		[Hepatocellular Carcinoma TGLS = 4,8,9-2+2.1+2.3]	
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		[Angiectasis TGLS = 3-5]	
* Ovary		Angiectasis	Minimal
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosis	Mild
	Subcut Tiss	Inflammation	Chronic Active, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: 1.0% 71LF	DISP: Terminal Sacrifice	HISTO: 861554

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 10-3]		Squamous Cell Papilloma	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: NOT CONVINCING.

Animal Note: EVER, THE DIAGNOSIS WAS FINALIZED AS

Animal Note: HYPERPLASIA. THE INFILTRATES IN THE

Animal Note: LYMPHOID NODULES IN THE SPLEEN HOW-

Animal Note: CONSIDERED BASED UPON THE ENLARGED

Animal Note: THE POSSIBILITY OF A LYMPHOMA WAS

Animal Note: LUNG, BRAIN, AND SALIVARY GLANDS WERE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 5

SEX: Female

DAY ON TEST: 727

DOSE: 1.0% 71LF

DISP: Moribund

HISTO: 861555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Glomerulosclerosis	Moderate
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
	Note: SCLEROSIS.		
	Note: TUBULAR ATROPHY WAS AN ACCOMPANIMENT TO THE GLOMERULAR-		
* Liver		Basophilic Focus	Minimal
		Fibrosarcoma	Metastatic (Skin)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Mild
	[Fibrosarcoma TGLS = 9-2]		
	[Hepatocellular Carcinoma TGLS = 10-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 11-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Minimal
Mesentery		Fibrosarcoma	Metastatic (Skin)
	[Fibrosarcoma TGLS = 7,8-6+11]		
* Ovary		Angiectasis	Minimal
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 5	SEX: Female	DAY ON TEST: 727
	DOSE: 1.0% 71LF	DISP: Moribund	HISTO: 861555

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 5-4]		Mineralization	Minimal
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
Skeletal Muscle	Abdominal	Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 6-11]			
* Skin	Subcut Tiss	Cyst Epithelial Inclusion	
	Subcut Tiss	Fibrosarcoma	
[Cyst Epithelial Inclusion TGLS = 6-10]			
[Fibrosarcoma TGLS = 3-9]			
* Spleen		Hyperplasia	Lymphoid, Moderate
Note: THE POSSIBILITY OF A LYMPHOMA WAS ALSO CONSIDERED.			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 12-3]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 5

SEX: Female

DAY ON TEST: 202

DOSE: 1.0% 71LF

DISP: Moribund

HISTO: 840356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Lymphoma Malignant Undifferentiated Cell Type	
* Kidney	Hydronephrosis	Mild
* Liver	Lymphoma Malignant Undifferentiated Cell Type	
	Necrosis	Coagulative, Minimal
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 8-2]	
* Lung	Inflammation	Chronic Active, Minimal
* Spleen	Lymphoma Malignant Undifferentiated Cell Type	
	[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-3]	
* Stomach, Forestomach	Acanthosis	Mild
	Erosion	Mild
	Hyperkeratosis	Minimal
	Lymphoma Malignant Undifferentiated Cell Type	
* Uterus	Endometrium	Hyperplasia
		Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: THE CAUSE OF MORBIDITY IN THIS ANIMAL WAS THE

Animal Note: DISSEMINATED MALIGNANT LYMPHOMA UNDIFFERENTIATED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Nose

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Intestine Large, Cecum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 4,5,6,7-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 8-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Marked
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
	[Cyst TGLS = 2-4]		
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 97

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861557

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma Stromal TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98	TRT#: 5	SEX: Female	DAY ON TEST: 706
	DOSE: 1.0% 71LF	DISP: Moribund	HISTO: 861558

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	Multiple
[Squamous Cell Carcinoma TGLS = 8-3.1]			
[Squamous Cell Papilloma TGLS = 8-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 5 DOSE: 1.0% 71LF	SEX: Female DISP: Dead	DAY ON TEST: 503 HISTO: 843461
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
[Pigmentation TGLS = 5-3.1+3.2]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Moderate
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 6-2]			
[Hepatocellular Carcinoma TGLS = 7-2.1]			
* Nose		Inflammation	Acute, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Chronic Active, Mild
[Acanthosis TGLS = 8-3.1+3.2]			
[Hyperkeratosis TGLS = 8-3.1+3.2]			
[Hyperplasia TGLS = 8-3.1+3.2]			
* Thymus		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 5

SEX: Female

DAY ON TEST: 503

DOSE: 1.0% 71LF

DISP: Dead

HISTO: 843461

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861556

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 6-3]

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney	Renal Tubule	Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
		Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 7,8-2.2]		
	[Hepatocellular Carcinoma TGLS = 4,5,6-2+2.1]		
	[Pigmentation TGLS = 3-2+2.1+2.2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1+1.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Sublingul GI	Inflammation	Chronic, Minimal
	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 861560

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 9-3]

- * Stomach, Glandular
- * Thymus
- * Urinary Bladder
- * Uterus

Endometrium

Inflammation
Cyst
Inflammation
Hyperplasia

Chronic Active, Minimal
Minimal
Chronic Active, Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 5

SEX: Female

DAY ON TEST: 442

DOSE: 1.0% 71LF

DISP: Dead

HISTO: 842539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Lymphoma Malignant Undifferentiated Cell Type	
* Kidney		Inflammation	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Undifferentiated Cell Type	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 7-2]	
		[Pigmentation TGLS = 6-2]	
* Lung	Pleura	Lymphoma Malignant Undifferentiated Cell Type	
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
* Ovary	Periovarn Tiss	Cyst	Mild
		[Cyst TGLS = 3-4]	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
		[Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-3]	
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
* Thymus		Lymphoma Malignant Undifferentiated Cell Type	
		[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-1]	
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Dead

DAY ON TEST: 679

HISTO: 861561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Lung		Hemorrhage	Minimal
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Lymph Node, Mandibular		Depletion Lymphoid	Marked
		Pigmentation	Mild
* Lymph Node, Mesenteric		Depletion Lymphoid	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

Note: PRESENTS AND INCARCERATED PIECE OF MESENTERY.

Note: THE FIBROTIC, NECROTIC, ACUTELY INFLAMMED NODULE RE-
[Fibrosis TGLS = 4-9]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 5

SEX: Female

DAY ON TEST: 679

DOSE: 1.0% 71LF

DISP: Dead

HISTO: 861561

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 4-9]

[Necrosis TGLS = 4-9]

[Squamous Cell Carcinoma TGLS = 5-9]

* Pancreas

Vacuolization Cytoplasmic

Moderate

* Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

* Spleen

Depletion Lymphoid

Moderate

Hematopoietic Cell Proliferation

Moderate

Squamous Cell Carcinoma

* Stomach, Forestomach

[Squamous Cell Carcinoma TGLS = 6-3.1+3.1.1]

* Stomach, Glandular

Squamous Cell Carcinoma

Metastatic (Stomach, Forestomach)

[Squamous Cell Carcinoma TGLS = 6-3.1+3.1.1]

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Minimal

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5

SEX: Female

DAY ON TEST: 671

DOSE: 1.0% 71LF

DISP: Moribund

HISTO: 861562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney	Renal Tubule	Lymphoma Malignant Mixed Pigmentation	Minimal
[Pigmentation TGLS = 9-3]			
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation Lymphoma Malignant Mixed Pigmentation	Moderate Multiple Chronic Active, Minimal Minimal
[Hepatocellular Adenoma TGLS = 13,14,15,16,17-2+2.2]			
[Lymphoma Malignant Mixed TGLS = 12-2+2.1]			
* Lung		Hemorrhage	Minimal
Note: MINIMAL HEMORRHAGE IN THE LUNG IS PROBABLY AN ARTEFACT			
Note: RELATED TO HANDLING AT NECROPSY.			
Lymph Node	Mediastinal Pancreatic Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5,11-9]			
[Lymphoma Malignant Mixed TGLS = 3-5,11-9]			
[Lymphoma Malignant Mixed TGLS = 3-5,11-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104	TRT#: 5	SEX: Female	DAY ON TEST: 671
	DOSE: 1.0% 71LF	DISP: Moribund	HISTO: 861562

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Lymphoma Malignant Mixed	
* Ovary		Luteoma	
		Mineralization	Minimal
[Luteoma TGLS = 5-4]			
* Pancreas		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 8-3]			
[Lymphoma Malignant Mixed TGLS = 8-3]			
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Hyperplasia	Basal Cell, Mild
		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	
		Ulcer	Mild
[Acanthosis TGLS = 22-3.1]			
[Hyperkeratosis TGLS = 22-3.1]			
[Hyperplasia TGLS = 22-3.1]			
[Squamous Cell Papilloma TGLS = 22-3.1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 6,7-4.1]			

PRIMARY CAUSE OF DEATH -

Animal Note: ADHERENT TO THE CAPSULE OF THE ADRENAL.

Animal Note: MESENTERY INFILTRATED BY MALIGNANT LYMPHOMA MIXED WAS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861559

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 10-3]			
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Dead

DAY ON TEST: 732

HISTO: 861566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pituitary Gland	* Salivary Glands
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Adrenal Medulla		Hematopoietic Cell Proliferation	Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Coagulative, Moderate
		Pigmentation	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Squamous Cell Carcinoma TGLS = 4,5,6-2+2.1]		
* Lung		Leukocytosis	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Marked
		Inflammation	Chronic Active, Marked
	[Hemorrhage TGLS = 3,11-5]		
	[Inflammation TGLS = 11-5]		
* Mammary Gland		Hyperplasia	Minimal
Mesentery		Inflammation	Chronic Active, Moderate
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Pancreas		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Skin	Subcut Tiss	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 10-3]		
* Stomach, Forestomach		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Dead

DAY ON TEST: 732
HISTO: 861566

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 7,8-3.1+3.1.1,7,8-3.1+3.1.1]		
* Stomach, Glandular	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 7,8-3.1+3.1.1,7,8-3.1+3.1.1]		
* Urinary Bladder	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium Hyperplasia Inflammation	Minimal Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 5

SEX: Female

DAY ON TEST: 455

DOSE: 1.0% 71LF

DISP: Interval Sacrifice

HISTO: 84-3134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Bone	* Kidney	* Ovary
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OBSERVATIONS

* Liver	Inflammation	Acute, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Urinary Bladder	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Uterus			

MISSING

* Esophagus	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Mild
* Liver	Renal Tubule	Pigmentation	Minimal
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 4-2]	
		[Hepatocellular Carcinoma TGLS = 5-2.1]	
		[Pigmentation TGLS = 3-2+2.1]	
* Lung		Inflammation	Chronic Active, Mild
* Lymph Node, Mesenteric		Angiectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Sublingual GI	Inflammation	Chronic, Mild
	Submandibular GI	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861565

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
* Urinary Bladder

Inflammation
Inflammation

Chronic Active, Minimal
Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 7-2+2.1]	
		[Hepatocellular Carcinoma TGLS = 8-2.1]	
		[Pigmentation TGLS = 6-2+2.1]	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Fibrosis	Minimal
		Necrosis	Coagulative, Mild
		[Fibrosis TGLS = 3-9]	
		[Necrosis TGLS = 3-9]	
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861564

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 861563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 7-2]		Pigmentation	Minimal
[Pigmentation TGLS = 8-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Pancreas		Cytoplasmic Alteration	Minimal
Note: GRANULES.			
Note: IN A FOCAL AREA ACINI CONTAINED INCREASED ZYMOGEN			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-3]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861563

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Moderate

[Hyperplasia TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 861569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Thymus	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Note: IN A FOCAL SUBCAPSULAR AREA OF THE CORTEX THERE WAS			
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 3,5,7-2.1+2.2]	
		[Hepatocellular Carcinoma TGLS = 3,4,6-2+2.1]	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Pancreas		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
* Stomach, Forestomach		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 8-3]	
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861569

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Mild

* Uterus

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Moribund

DAY ON TEST: 713

HISTO: 861570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Trachea	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Thymus
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OBSERVATIONS

* Gallbladder	Epithelium	Hyperplasia Lymphoma Malignant Mixed	Mild
	[Lymphoma Malignant Mixed TGLS = 16-2]		
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 11-6]		
* Islets, Pancreatic		Lymphoma Malignant Mixed	
	Note: ALSO AFFECTED SINCE THEY CAN NOT BE SEEN.		
	Note: BY MALIGNANT LYMPHOMA MIXD IT IS PRESUMED THE ISLETS WERE		
	Note: SINCE THE ARCHITECTURE OF THE PANCREAS IS TOTALLY EFFACED		
* Kidney	Pelvis, Transit Epithe	Hyperplasia Lymphoma Malignant Mixed	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Lymphoma Malignant Mixed	
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 17-2]		
	[Hepatocellular Carcinoma TGLS = 14,15,17-2+2.1+2.2]		
	[Lymphoma Malignant Mixed TGLS = 17-2+2.1+2.2]		
	[Pigmentation TGLS = 17-2+2.1+2.2]		
* Lung		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Moribund

DAY ON TEST: 713

HISTO: 861570

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,9-5.1,18-5]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,9-5.1,18-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,9-5.1,18-5]			
* Ovary		Lymphoma Malignant Mixed	
Note: THE EXTENT OF THE LYMPHOMA WAS SUCH THAT NO OBVIOUS			
Note: OVARIAN TISSUE COULD BE SEEN.			
[Lymphoma Malignant Mixed TGLS = 3,4-4]			
* Pancreas	Duct	Hyperplasia	Mild
		Lymphoma Malignant Mixed	
Note: MALIGNANT LYMPHOMA SHOWED AREAS OF DUCTULAR HYPERPLASIA.			
Note: THE PORTION OF THE PANCREAS INFILTRATED BY THE MIXED			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7,8-3]			
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Lymphoma Malignant Mixed	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS		Lymphoma Malignant Mixed	
Note: THERE ARE NO RECOGNIZABLE ADRENAL ELEMENTS BECAUSE OF THE			
Note: EFFACEMENT OF ARCHITECTURE BY THE MALIGNANT LYMPHOMA MIXD.			
Note: THE TRIMMER THOUGHT THIS TISSUE WAS ADRENAL, HOWEVER			
[Lymphoma Malignant Mixed TGLS = 12,13-7]			
* Urinary Bladder		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-1]			
* Uterus	Endometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

SEX: Female

DAY ON TEST: 713

DOSE: 1.0% 71LF

DISP: Moribund

HISTO: 861570

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-4]

PRIMARY CAUSE OF DEATH -

Animal Note: RETICULAR CELLS, NEUTROPHILS, AND EOSINOPHILS. THE
Animal Note: POSSIBILITY OF GRANULOMATOUS INFLAMMATION WAS CONSIDERED,
Animal Note: HOWEVER; IT IS THOUGHT THIS IS A VARIANT OF MALIGNANT
Animal Note: MANY OF THE ORGANS IN THIS ANIMAL WHICH APPEARED TO BE
Animal Note: INFLAMMATORY INFILTRATES CONSISTING OF GIANT CELLS,
Animal Note: AFFECTED BY A MALIGNANT LYMPHOMA MIXD TYPE ALSO HAD
Animal Note: LYMPHOMA MIXD TYPE, WITH HODGKINS-LIKE FEATURES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 15-9]			
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 12,13-2+2.1]			
[Pigmentation TGLS = 14-2+2.1]			
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5,10-5.1,6-5,4-5,11-10]			
[Lymphoma Malignant Mixed TGLS = 9-5,10-5.1,6-5,4-5,11-10]			
[Lymphoma Malignant Mixed TGLS = 9-5,10-5.1,6-5,4-5,11-10]			
[Lymphoma Malignant Mixed TGLS = 9-5,10-5.1,6-5,4-5,11-10]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-5,10-5.1,6-5,4-5,11-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861567

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 9-5,10-5.1,6-5,4-5,11-10]	Mineralization	Minimal
* Mammary Gland	Hyperplasia	Mild
* Ovary	Cyst	Multiple, Minimal
* Pancreas	Lymphoma Malignant Mixed	
	Vacuolization Cytoplasmic	Mild
* Salivary Glands	Inflammation	Chronic, Minimal
* Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-3.1]		
* Stomach, Forestomach	Acanthosis	Minimal
	Hyperkeratosis	Minimal
	Hyperplasia	Basal Cell, Minimal
[Acanthosis TGLS = 16-3]		
[Hyperkeratosis TGLS = 16-3]		
[Hyperplasia TGLS = 16-3]		
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 5

SEX: Female

DAY ON TEST: 457

DOSE: 1.0% 71LF

DISP: Interval Sacrifice

HISTO: 84-3135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Bone	* Kidney	* Ovary
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OBSERVATIONS

* Liver	Bile Duct	Hepatocellular Adenoma Hyperplasia Inflammation Necrosis Pigmentation Squamous Cell Papilloma	Multiple Focal, Minimal Acute, Minimal Coagulative, Minimal Minimal
* Stomach, Forestomach			
* Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 115

TRT#: 5

DOSE: 1.0% 71LF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 861568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 4,5-2+2.1]	
		[Pigmentation TGLS = 6-2]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
		Note: BLOOD.	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
		[Squamous Cell Papilloma TGLS = 7-3.1]	
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
		[Hyperplasia TGLS = 3-4]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861568

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5

SEX: Female

DAY ON TEST: 455

DOSE: 1.0% 71LF

DISP: Interval Sacrifice

HISTO: 84-3136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Bone	* Kidney	* Ovary
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OBSERVATIONS

* Liver	Fatty Change	Mild
	Hepatocellular Adenoma	
	Inflammation	Chronic Active, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Stomach, Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Interval Sacrifice

DAY ON TEST: 457
HISTO: 84-3137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Bone	* Ovary
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OBSERVATIONS

* Kidney	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach	Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Moribund

DAY ON TEST: 555
HISTO: 850235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Esophagus

OBSERVATIONS

* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Mild
* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Basophilic Focus	Mild
		Clear Cell Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Moderate
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 9-2]	
		[Inflammation TGLS = 7,8,10-2]	
		[Pigmentation TGLS = 7-2]	
* Lymph Node, Mandibular		Inflammation	Acute, Mild
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Mild
		Hemorrhage	Mild
		[Hemorrhage TGLS = 4-4]	
* Pancreas		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Moribund

DAY ON TEST: 555
HISTO: 850235

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 5-3]	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Inflammation	Chronic Active, Minimal
* Thymus	Depletion Lymphoid	Mild
* Urinary Bladder	Inflammation	Chronic Active, Minimal
* Uterus	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1.0% 71LF

DISP: Terminal Sacrifice

HISTO: 861571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
<p>Note: IN A VERY SMALL CORTICAL AREA, 3 OR 4 PROXIMAL CONVOLUTED Note: TUBULES SHOWED EVIDENCE OF REGENERATION. PIGMENT GRANULES Note: WERE VISIBLE IN THE LUMEN OF THESE TUBULES AND A FEW Note: CHRONIC INFLAMMATORY CELLS SURROUNDED THEM.</p>			
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
<p>[Hepatocellular Adenoma TGLS = 3,4,5-2+2.1]</p>			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861571

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HANDLING AT NECROPSY.

Note: MINOR HEMORRHAGE IN THE THYMUS IS PROBABLY RELATED TO

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Skin	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney		Inflammation	Chronic, Mild
		Metaplasia	Osseous, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
<p>Note: THE HEPATOCELLULAR CARCINOMA APPEARS TO BE A TRABECULAR Note: TYPE WITH A NODULE WITHIN A NODULE. [Hepatocellular Adenoma TGLS = 7-2+2.1] [Hepatocellular Carcinoma TGLS = 6-2.1] [Pigmentation TGLS = 8-2+2.1]</p>			
* Lymph Node, Mandibular	Sinus	Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
			[Ectasia TGLS = 3-5]
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
			[Fibrosis TGLS = 5-7]
* Nose		Inflammation	Acute, Minimal
<p>Note: MUCOSA OF THE NOSE. Note: ABOUT 7 NEUTROPHILS WERE NOTED IN A SMALL GLAND IN THE</p>			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5
DOSE: 1.0% 71LF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 861572

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 9-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal
	[Hyperplasia TGLS = 4-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland		

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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INSUFFICIENT TISSUE

* Trachea

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Mild
		Clear Cell Focus	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
			[Hepatocellular Adenoma TGLS = 6,10,7,12-2+2.1+2.2]
			[Pigmentation TGLS = 8,9,11,13-2+2.1+2.2]
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Marked
			[Cyst TGLS = 2,3-4+4.1]
* Spleen		Lymphoma Malignant Mixed	
			[Lymphoma Malignant Mixed TGLS = 4,5-3]
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860341

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ONE OF THE 4 NODULES IN THE FORESTOMACH SHOWED INVASION
[Squamous Cell Papilloma TGLS = 14,15,16-3+3.1]

* Stomach, Glandular

* Urinary Bladder

* Uterus

Endometrium

Squamous Cell Papilloma

Multiple

Inflammation

Chronic Active, Minimal

Inflammation

Chronic Active, Minimal

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: EARLY SQUAMOUS CELL CARCINOMA.

Animal Note: BENEATH THE MUSCULARIS MUCOSAE QUALIFYING IT AS A

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Gallbladder		Inflammation	Chronic Active, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
[Hyperplasia TGLS = 5-5]			
* Kidney	Renal Tubule	Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
		Regeneration	Minimal
Note: IN A FOCAL TRIANGULAR SHAPED AREA OF THE CORTEX THERE WERE			
[Pigmentation TGLS = 3-3]			
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 9,11,12-2+2.2+2.3]			
[Pigmentation TGLS = 8-2]			
* Lung		Hemorrhage	Minimal
Note: LING AT NECROPSY.			
Note: MINOR HEMORRHAGE IN THE LUNG IS PROBABLY RELATED TO HAND-			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-5]			
* Ovary		Cyst	Mild
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860342

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hyperplasia TGLS = 6-3]		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach [Acanthosis TGLS = 13-3] [Hyperkeratosis TGLS = 13-3] [Inflammation TGLS = 13-3] [Squamous Cell Papilloma TGLS = 13-3]		Acanthosis Hyperkeratosis Inflammation Squamous Cell Papilloma	Minimal Minimal Chronic Active, Mild Multiple
* Stomach, Glandular [Inflammation TGLS = 13-3]		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus [Hyperplasia TGLS = 4-4]	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Moribund

DAY ON TEST: 713
HISTO: 860345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Thymus	

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 13,12,14-2+2.1+2.3]	
		[Hepatocellular Carcinoma TGLS = 10,11,14-2.2]	
* Lung		Hemorrhage	Minimal
Lymph Node	Renal, Sinus	Ectasia	Moderate
	Lumbar	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
		[Ectasia TGLS = 9-12]	
		[Lymphoma Malignant Mixed TGLS = 7,8-10+11,5-5,3-5+9,9-12]	
		[Lymphoma Malignant Mixed TGLS = 7,8-10+11,5-5,3-5+9,9-12]	
		[Lymphoma Malignant Mixed TGLS = 7,8-10+11,5-5,3-5+9,9-12]	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 7,8-10+11,5-5,3-5+9,9-12]	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 7,8-10+11,5-5,3-5+9,9-12]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123	TRT#: 6	SEX: Female	DAY ON TEST: 713
	DOSE: 2.0% 71HF	DISP: Moribund	HISTO: 860345

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-3]		
* Stomach, Forestomach		Hyperplasia	Squamous, Marked
		Squamous Cell Carcinoma	
		Ulcer	Moderate
	[Squamous Cell Carcinoma TGLS = 15-3.1]		
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: ADRENAL TURNED OUT TO BE A LYMPH NODE.

Animal Note: WHAT PROSECTOR THOUGHT WAS AN ENLARGED LEFT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
<p>Note: THE KIDNEY PIGMENT IS IN PROXIMAL CONVOLUTED TUBULES BUT Note: TUBULE WAS USED. Note: ALSO IN OTHER TUBULE SEGMENTS HENCE THE DESIGNATION RENAL</p>			
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
<p>Note: WHICH WAS DESIGNATED AS A HEPATOBLASTOMA. THIS MASS Note: DIFFERENTIATED TUMOR COMPOSED OF PLEOMORPHIC CELLS Note: COULD BE SARCOMATOUS IN ORIGIN. Note: VISIBLE IN ONE LOBE OF THE LIVER WAS A POORLY [Hepatocellular Adenoma TGLS = 3,4,7,8-2+2.2+2.3+2.3,9,11-2.4+2.5] [Hepatocellular Carcinoma TGLS = 5,6-2.1]</p>			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 2.0% 71HF	DISP: Terminal Sacrifice	HISTO: 860343

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 10-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 2.0% 71HF

DISP: Dead

HISTO: 860344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone * Brain

MISSING

* Lymph Node, Mesenteric * Mammary Gland * Nose * Ovary
* Parathyroid Gland * Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Large, Colon * Intestine Large, Rectum * Intestine Small, Duodenum
* Intestine Small, Ileum * Intestine Small, Jejunum * Islets, Pancreatic * Uterus

OBSERVATIONS

* Adrenal Cortex Autolysis Marked
* Adrenal Medulla Autolysis Marked
* Bone Marrow Sternal Autolysis Marked
* Esophagus Autolysis Marked
* Gallbladder Autolysis Marked
* Heart Autolysis Moderate
* Kidney Autolysis Marked
Renal Tubule Mineralization Mild
Renal Tubule Pigmentation Minimal
* Liver Autolysis Marked
Hepatocellular Adenoma Multiple
Hepatocellular Carcinoma Multiple
Pigmentation Mild
Squamous Cell Carcinoma Metastatic (Stomach, Forestomach)
[Hepatocellular Adenoma TGLS = 15,16-2.3+2.4]
[Hepatocellular Carcinoma TGLS = 7,8,13,14-2+2.1+2.2]
[Squamous Cell Carcinoma TGLS = 16-2.4]
* Lung Autolysis Moderate
* Lymph Node, Mandibular Autolysis Marked
Mesentery Squamous Cell Carcinoma Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 11-4.1]
* Pancreas Autolysis Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 2.0% 71HF

DISP: Dead

HISTO: 860344

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 10-5]		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Pituitary Gland		Autolysis	Moderate
* Salivary Glands	Parotid GI	Autolysis	Moderate
	Submandibul GI	Autolysis	Moderate
Skeletal Muscle	Diaphragm	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 6-4.1]			
* Skin		Autolysis	Moderate
* Spleen		Autolysis	Marked
* Stomach, Forestomach		Autolysis	Marked
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	Multiple
[Squamous Cell Carcinoma TGLS = 9-3.1]			
[Squamous Cell Papilloma TGLS = 9-3.1]			
* Stomach, Glandular		Autolysis	Marked
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 9-3.1]			
* Thyroid Gland		Autolysis	Marked
* Trachea		Autolysis	Marked
* Urinary Bladder		Autolysis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Nose	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
Eye	Cornea	Inflammation	Chronic Active, Moderate
	Cornea	Neovascularization	Mild
	[Inflammation TGLS = 2,3-9]		
	[Neovascularization TGLS = 2-9]		
Harderian Gland		Adenoma	
		Inflammation	Chronic, Minimal
	[Adenoma TGLS = 9-9]		
* Kidney		Inflammation	Chronic, Mild
	Transit Epithe	Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 5,6,7-2]		
	[Hepatocellular Carcinoma TGLS = 5-2.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860349

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 10-3]

* Thymus

Cyst

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Moderate

[Hyperplasia TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 127

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-6.1]			
* Kidney	Renal Tubule	Atrophy	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant Mixed	
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 8-2]			
[Hepatocellular Carcinoma TGLS = 7,9-2.1+2.2+2.2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5.1]			
* Pancreas		Lymphoma Malignant Mixed	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-3]			
* Stomach, Forestomach		Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860346

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperkeratosis

Minimal

Squamous Cell Carcinoma

[Squamous Cell Carcinoma TGLS = 10-3]

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THIS SQUAMOUS CELL CARCINOMA APPEARS TO HAVE STARTED OUT

Animal Note: A CARCINOMA IN SITU SINCE THERE IS NO INVASION BENEATH

Animal Note: AS A SQUAMOUS PAPILLOMA. AT THIS POINT IT APPEARS TO BE

Animal Note: THE MUSCULARIS MUCOSAE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Skin
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Pigmentation TGLS = 2-3]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 5,6,7,8,9-2+2.1+2.2]			
[Hepatocellular Carcinoma TGLS = 5,6,7,8,9-2+2.1+2.2]			
[Pigmentation TGLS = 10-2+2.1+2.2]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 11-9]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
[Hyperplasia TGLS = 11-9]			
Mesentery		Inflammation	Chronic Active, Marked
Note: THIS VERY INFLAMMED NODULE WAS ADJACENT TO THE PANCREAS.			
[Inflammation TGLS = 4-5]			
* Nose		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860348

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
	[Hyperplasia TGLS = 3-3]		
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	
	[Squamous Cell Carcinoma TGLS = 12-3]		
	[Squamous Cell Papilloma TGLS = 12-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Mild
Note: THE TUMOR DESIGNATED AS A HEPATOBLASTOMA WAS A VERY			
[Hepatoblastoma TGLS = 3-2.1]			
[Hepatocellular Adenoma TGLS = 3,4,5,6-2+2.1+2.2]			
[Hepatocellular Carcinoma TGLS = 3-2.1]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 7-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860347

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia Inflammation	Mild Chronic Active, Minimal
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[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Kidney	Inflammation	Chronic, Minimal	
* Liver	Fatty Change	Minimal	
	Hepatocellular Adenoma	Multiple	
	Inflammation	Chronic Active, Minimal	
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal	
	Pigmentation	Minimal	
* Salivary Glands	Inflammation	Chronic, Minimal	
* Stomach, Forestomach	Acanthosis	Mild	
	Hyperplasia	Basal Cell, Mild	
* Uterus	Hydrometra	Mild	
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Moribund

DAY ON TEST: 623
HISTO: 852771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 13,14-2.1+2]	
		[Hepatocellular Carcinoma TGLS = 15-2.2]	
		[Pigmentation TGLS = 12-2+2.1+2.2]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 16-1.1]	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
			[Hepatocellular Adenoma TGLS = 10,11,12,9-2+2.1+2.2]
			[Hepatocellular Carcinoma TGLS = 9-2.2]
			[Squamous Cell Carcinoma TGLS = 10,11,12,9-2+2.1+2.2]
* Lung		Alveolar/Bronchiolar Adenoma	
			[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
			[Squamous Cell Carcinoma TGLS = 5-4+5+7+9]
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
			[Squamous Cell Carcinoma TGLS = 4-4]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860350

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Inflammation	Chronic Active, Mild
	Vacuolization Cytoplasmic	Mild
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 6-,6-3.1+3.2]	Squamous Cell Carcinoma	
* Stomach, Glandular [Squamous Cell Carcinoma TGLS = 6-,6-3.1+3.2]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Thymus	Depletion Lymphoid	Mild
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 860351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 5-9]			
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Necrosis	Coagulative, Moderate
		Pigmentation	Mild
Note: EXTENSIVE AREAS OF NECROSIS WERE NOTED IN THE LIVER TUMORS.			
			[Hepatocellular Adenoma TGLS = 8,12,14,9,13,15-2+2.1+2.2]
			[Hepatocellular Carcinoma TGLS = 8,12,14,9,13,15,11-2+2.1+2.2]
			[Pigmentation TGLS = 10-2+2.1+2.2]
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
Mesentery		Inflammation	Chronic Active, Mild
* Ovary		Abscess	Marked
[Abscess TGLS = 6,7-4+4.1]			
* Pancreas		Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 860351

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 16-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Depletion Lymphoid	Moderate
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Vagina		Squamous Cell Carcinoma	
Note: AROSE FROM THE CERVIX.			
Note: THE SQUAMOUS CELL CARCINOMA IN THE VAGINA COULD HAVE			
[Squamous Cell Carcinoma TGLS = 3-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 134

TRT#: 6

SEX: Female

DAY ON TEST: 501

DOSE: 2.0% 71HF

DISP: Dead

HISTO: 843462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Squamous Cell Carcinoma	Metastatic (Uncertain Primary Site)
[Squamous Cell Carcinoma TGLS = 7-7]			
* Bone Marrow	Myeloid Cell, Sternal	Hyperplasia	Marked
* Kidney	Renal Tubule	Mineralization	Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Adenoma	
		Pigmentation	Minimal
[Pigmentation TGLS = 5-2]		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 6-2]			
* Lymph Node, Mesenteric		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Pancreas		Inflammation	Chronic Active, Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-3.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Dead

DAY ON TEST: 501
HISTO: 843462

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 6

SEX: Female

DAY ON TEST: 623

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 852770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 9,8,12,7-2+2.1+2.2]			
[Pigmentation TGLS = 6,10-2+2.1+2.2]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 11-5,3-5]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 11-5,3-5]			
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 3,5,4,6-2+2.1]	
		[Hepatocellular Carcinoma TGLS = 3,4-2+2.1]	
		[Pigmentation TGLS = 7-2+2.1]	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 8-3+3.1]	
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860354

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 2.0% 71HF	DISP: Terminal Sacrifice	HISTO: 860355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Skin	* Spleen	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
Note: ABLE.			
Note: THE PIGMENT OBSERVED IN THE RENAL TUBULES IS NON-POLARIZ-			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 8,10,11-2.1,7,9,12-2]			
[Hepatocellular Carcinoma TGLS = 7,9,12-2,8,10,11-2.1]			
[Pigmentation TGLS = 6-2+2.1]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 13-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860355

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

[Hyperplasia TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Jejunum [Hyperplasia TGLS = 3-6]	Peyers Patch	Hyperplasia	Mild
* Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
[Fatty Change TGLS = 5-2] [Pigmentation TGLS = 4-2]			
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860352

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 6-3]		
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Ovary	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	
* Brain	Thalamus	Mineralization	Minimal
Eye		Hyperplasia	Lymphoid, Mild
* Heart		Inflammation	Chronic, Minimal
* Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic
	Renal Tubule	Pigmentation	
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 5,6,7-2+2.1]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Plasma Cell, Moderate
	[Hyperplasia TGLS = 4-5,4-5]		
	[Hyperplasia TGLS = 4-5,4-5]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860353

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 8-3.1]

* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6.1]			
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
[Fatty Change TGLS = 6-2]			
[Hepatocellular Adenoma TGLS = 5-2]			
[Pigmentation TGLS = 7-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5.1]			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Lymphoma Malignant Mixed	
		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860359

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 8-3.1]

* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 143

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Nose
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Colon	Peyers Patch	Hyperplasia	Moderate
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 4,5-2+2.1+2.2]		
	[Hepatocellular Carcinoma TGLS = 4,5-2.1+2.2]		
	[Pigmentation TGLS = 3-2+2.1+2.2]		
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 2.0% 71HF	DISP: Terminal Sacrifice	HISTO: 860357

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 6-3.1]			
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 144

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Glandular	* Trachea	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-6]			
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
* Liver		Pigmentation	Minimal
		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
[Clear Cell Focus TGLS = 10-2+2.1]			
[Hepatocellular Adenoma TGLS = 8,9,7,6,12,13-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 11-1.1]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Ovary	Periovarn Tiss	Cyst	Mild
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 3-4]			
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Hyperplasia	Basal Cell, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860356

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 14-3.1]		Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 14-3.1]			
[Hyperplasia TGLS = 14-3.1]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Skin	* Spleen	* Trachea

MISSING

* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Moderate
		Eosinophilic Focus	Marked
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 4,7-2+2.1]	
		[Pigmentation TGLS = 5-2+2.1+2.2]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]	
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
		[Hyperplasia TGLS = 6-5]	
		[Hyperplasia TGLS = 6-5]	
* Lymph Node, Mesenteric		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 2.0% 71HF	DISP: Terminal Sacrifice	HISTO: 860358

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Infiltration Cellular Pigmentation Angiectasis	Histiocyte, Minimal Minimal Mild
* Pancreas	Periovarn Tiss	Inflammation Inflammation	Chronic Active, Minimal Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Vacuolization Cytoplasmic Inflammation	Minimal Chronic, Minimal
* Stomach, Forestomach		Acanthosis Hyperkeratosis Inflammation Squamous Cell Papilloma	Mild Mild Chronic Active, Minimal
			[Acanthosis TGLS = 8-3.1] [Hyperkeratosis TGLS = 8-3.1] [Squamous Cell Papilloma TGLS = 8-3.1]
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle Follicular Cel	Cyst Hyperplasia	Mild Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 3,4,7-2+2.1]		
	[Pigmentation TGLS = 5-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 6-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860362

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 6

SEX: Female

DAY ON TEST: 680

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 860363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Stomach, Forestomach	* Trachea	

MISSING

* Intestine Large, Cecum	* Intestine Large, Rectum	* Mammary Gland	* Pituitary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Adrenal Medulla		Lymphoma Malignant Mixed	
* Bone Marrow		Lymphoma Malignant Mixed	
* Brain		Lymphoma Malignant Mixed	
	Thalamus	Mineralization	Minimal
* Gallbladder		Lymphoma Malignant Mixed	
* Heart		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Pigmentation	Minimal
	[Lymphoma Malignant Mixed TGLS = 9-3]		
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
		Necrosis	Coagulative, Mild
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 11,12,15-2+2.1,16,17,18,19-2.1+2.2]		
	[Pigmentation TGLS = 10-2+2.1+2.2]		
* Lung		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-1]		
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-5,7-5,13-5,14-9]		
	[Lymphoma Malignant Mixed TGLS = 2-5,7-5,13-5,14-9]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147	TRT#: 6	SEX: Female	DAY ON TEST: 680
	DOSE: 2.0% 71HF	DISP: Moribund	HISTO: 860363

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 2-5,7-5,13-5,14-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,7-5,13-5,14-9]			
* Ovary		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-4]			
* Pancreas		Lymphoma Malignant Mixed	
* Salivary Glands	Parotid GI	Lymphoma Malignant Mixed	
	Sublingul GI	Lymphoma Malignant Mixed	
	Submandibul GI	Lymphoma Malignant Mixed	
Skeletal Muscle	Intercostal	Lymphoma Malignant Mixed	
* Skin	Subcut Tiss	Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-3.1]			
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland		Lymphoma Malignant Mixed	
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Minimal
		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 1-Amino-2,4-dibromoanthraquinone
 CAS Number: 81-49-2

Date Report Requested: 10/23/2014
 Time Report Requested: 02:50:16
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Trachea			

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Minimal
		Angiectasis	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular			
* Thymus		Cyst	Minimal

[Hepatocellular Adenoma TGLS = 4,6,5-2+2.1]

[Acanthosis TGLS = 7-3.1]

[Hyperkeratosis TGLS = 7-3.1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860360

ORGAN AND ACCOUNTABLE SITE STATUS

Hemorrhage

Mild

Note: TO HANDLING AT NECROPSY.

Note: MINOR HEMORRHAGE NOTED IN THE THYMUS IS PROBABLY RELATED

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

Inflammation

Chronic Active, Minimal

[Hyperplasia TGLS = 2,3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Skin	* Spleen	* Stomach, Glandular
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 3,4,5-2]		
* Lung		Hemorrhage	Mild
	Note: HANDLING AT NECROPSY.		
	Note: MINOR HEMORRHAGES IN THE LUNG ARE PROBABLY RELATED TO		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
	[Cyst TGLS = 2-4]		
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860361

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Hyperkeratosis	Minimal
* Thyroid Gland	Follicular Cel	Cyst	Minimal
* Urinary Bladder		Hyperplasia	Minimal
* Uterus	Endometrium	Inflammation	Chronic Active, Minimal
		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Acute, Mild
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid	Mild
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pituitary Gland	* Skin	* Spleen	* Trachea

MISSING

* Esophagus	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland			

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 4,5,6-2+2.1]		
	[Pigmentation TGLS = 7-2+2.1]		
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Atrophy	Mild
	Duct	Dilatation	Marked
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Minimal
	[Dilatation TGLS = 3-5.1]		
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 8-3.1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860364

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 4,5,6-2+2.1]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 7-3.1]		
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860366

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

Animal Note: WAS AN ABSCESS.

Animal Note: WITHIN THE BASE OF ONE OF THE SQUAMOUS PAPILLOMAS THERE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153	TRT#: 6 DOSE: 2.0% 71HF	SEX: Female DISP: Dead	DAY ON TEST: 553 HISTO: 850236
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Nose
* Pancreas	* Skin	* Stomach, Glandular	* Uterus

MISSING

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Heart	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Kidney	Renal Tubule	Inflammation Mineralization	Chronic, Minimal Mild
* Liver		Hepatocellular Adenoma Pigmentation	Minimal
* Ovary	Periovarn Tiss Periovarn Tiss Periovarn Tiss	Cyst Hemorrhage Pigmentation	Multiple, Moderate Marked Minimal
[Cyst TGLS = 2-4] [Hemorrhage TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Depletion Lymphoid	Mild
* Stomach, Forestomach		Acanthosis Hyperkeratosis	Minimal Minimal
[Acanthosis TGLS = 4-3]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 154

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Heart		Inflammation	Chronic, Minimal
* Intestine Small, Ileum	Peyers Patch	Inflammation	Acute, Mild
	[Lymphoma Malignant Mixed TGLS = 4-6]	Lymphoma Malignant Mixed	
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-6]		
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 5-2]		
	[Hepatocellular Carcinoma TGLS = 5,6-2+2.1]		
	[Pigmentation TGLS = 7-2+2.1]		
* Lung		Hemorrhage	Minimal
	Note: HANDLING AT NECROPSY.		
	Note: MINOR HEMORRHAGES IN THE LUNG ARE PROBABLY RELATED TO		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Ovary		Angiectasis	Moderate
	[Angiectasis TGLS = 3-4]		
* Pancreas		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860365

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Vacuolization Cytoplasmic	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Cyst	Minimal
* Urinary Bladder		Hyperplasia	Minimal
* Uterus	Endometrium	Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 8-4]		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 156

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Pigmentation	Minimal
Note: LUMEN OF CORTICAL TUBULES. THE PIGMENT IN THE CYTOPLASM			
Note: A HEAVY CONCENTRATION IN A RARE TUBULE. THE PIGMENT WAS			
Note: THE PIGMENT WITHIN THE LUMEN OF THE RENAL TUBULES SHOWED			
Note: BROWN.			
Note: FINE PIGMENT GRANULES WERE SEEN IN THE CYTOPLASM AND			
Note: OF THE CORICAL TUBULES HAD A FINELY STIPPLED APPEARANCE.			
[Pigmentation TGLS = 11-3]			
* Liver		Fibrosis	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 9,10-2+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]			
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,5,7,8-5+5.1+9+10]			
[Lymphoma Malignant Mixed TGLS = 2,3,5,7,8-5+5.1+9+10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 156

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860370

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 2,3,5,7,8-5+5.1+9+10]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,5,7,8-5+5.1+9+10]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,5,7,8-5+5.1+9+10]			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-3]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 12-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ED, HOWEVER THE PLEOMORPHISM OF CELLS ARGUED AGAINST THAT

Animal Note: THE SQUAMOUS PAPILOMA IS A BROAD BASED ONE (SESSILE

Animal Note: PAPILOMA).

Animal Note: THE FIRST THOUGHT ON THESE NODES WAS THAT THEY REPRESENTED

Animal Note: A MARKED GRANULOMATOUS LYMPHADENITIS BECAUSE OF THE PLEO-

Animal Note: MORPHISM OF CELLULAR TYPES. CELL TYPES OBSERVED INCLUDED

Animal Note: HISTIOCYTES, MULTINUCLEATE GIANT CELLS, EOSINOPHILS,

Animal Note: NEUTROPHILS, AND MIXED LYMPHOID CELLS.

Animal Note: THE ORIGINAL THOUGHT WAS REVISED TO MALIGNANT LYMPHOMA

Animal Note: DIAGNOSIS.

Animal Note: THE POSSIBILITY OF A HISTIOCYTIC SARCOMA WAS ALSO CONSIDER-

Animal Note: MIXED CELL TYPE BECAUSE OF THE EXTENSIVE ORGAN INVOLVEMENT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 3,4-2]		
* Ovary		Angiectasis	Moderate
		Cyst	Moderate
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
	[Cyst TGLS = 1-4]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands	Submandibul Gl	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 5-3+3.1]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860367

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 158

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Nose
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	
* Brain	Thalamus	Mineralization	Minimal
Eye		Lymphoma Malignant Mixed	
* Kidney		Inflammation	Chronic
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 2,3,4,5,6-2+2.1]		
* Lung		Inflammation	Chronic Active, Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Lymphoma Malignant Mixed	
	Note: THIS APPEARS TO BE AN EARLY LYMPHOMA.		
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860369

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 1-4]

Endometrium

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Pigmentation	Minimal
	[Pigmentation TGLS = 5-3]		
* Liver		Hepatocellular Adenoma	Multiple
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 9,10-2+2.1]		
	[Pigmentation TGLS = 8,11-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
	[Hyperplasia TGLS = 7-5]		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 860371

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

[Hyperplasia TGLS = 6-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 160

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 860368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Heart	* Islets, Pancreatic	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
---------------	-----------------	---------------------

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Glomerulosclerosis	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
	Note: PIGMENT WAS OBSERVED BOTH WITHIN THE CYTOPLASM OF PCT		
	Note: RENAL TUBULES. THE LATER LESION HAS BEEN SEEN IN A FEW		
	Note: AND WITHIN THE LUMEN OF TUBULES WHICH WERE DESIGNATED		
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Mild
	[Hepatocellular Adenoma TGLS = 3-2]		
	[Hepatocellular Carcinoma TGLS = 4-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1.1]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 5-3+3.1]		
* Thymus		Cyst	Minimal
		Depletion Lymphoid	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860368

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 161

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Moribund

DAY ON TEST: 697

HISTO: 860374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Gallbladder		Lymphoma Malignant Mixed	
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 12-6,13-6,13-6]			
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 12-6,13-6,13-6]			
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 12-6,13-6,13-6]			
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
Note: FOCAL AREAS OF COAGULATIVE NECROSIS WERE NOTED IN SOME OF			
Note: THE LIVER TUMORS.			
[Hepatocellular Adenoma TGLS = 7,9-2+2.1]			
[Lymphoma Malignant Mixed TGLS = 8-2+2.1]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161	TRT#: 6	SEX: Female	DAY ON TEST: 697
	DOSE: 2.0% 71HF	DISP: Moribund	HISTO: 860374

ORGAN AND ACCOUNTABLE SITE STATUS

Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,3-1,6-5+5.1,5-9,10-10]		
[Lymphoma Malignant Mixed TGLS = 2-5,3-1,6-5+5.1,5-9,10-10]		
[Lymphoma Malignant Mixed TGLS = 2-5,3-1,6-5+5.1,5-9,10-10]		
[Lymphoma Malignant Mixed TGLS = 2-5,3-1,6-5+5.1,5-9,10-10]		
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,3-1,6-5+5.1,5-9,10-10]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5,3-1,6-5+5.1,5-9,10-10]		
* Mammary Gland	Hyperplasia	Mild
Mesentery	Lymphoma Malignant Mixed	
* Ovary	Angiectasis	Marked
* Pancreas	Lymphoma Malignant Mixed	
	Vacuolization Cytoplasmic	Mild
* Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-3]		
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 162

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Interval Sacrifice

DAY ON TEST: 455

HISTO: 84-2707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mesenteric	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Glands	Inflammation	Acute, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 163

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Moribund

DAY ON TEST: 562

HISTO: 850270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 12,13,14-2]			
[Hepatocellular Carcinoma TGLS = 11-2.1]			
[Pigmentation TGLS = 10-2+2.1]			
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild
[Acanthosis TGLS = 15-3]			
[Hyperkeratosis TGLS = 15-3]			
[Inflammation TGLS = 15-3]			
* Thymus		Depletion Lymphoid	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Moribund

DAY ON TEST: 562
HISTO: 850270

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Kidney		Glomerulosclerosis	Moderate
	Renal Tubule	Inflammation	Chronic, Mild
		Pigmentation	Minimal
Note: MILD TUBULAR REGENERATION WAS NOTED ALONG WITH THE			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 8,7,5-2+2.1]	
		[Hepatocellular Carcinoma TGLS = 8,6-2.2]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemangioma	
		Hemorrhage	Mild
		Note: HEMORRHAGE ADJACENT TO THE LESION.	
		Note: WITHIN THE PARENCHYMA OF THE LUNG WAS A PECULIAR LESION	
		Note: CHARACTERIZED BY VASCULAR SPACES LINED BY AND ENDOTHELIUM	
		Note: WHICH WAS DIAGNOSED AS A HEMANGIOMA. THERE WAS MILD	
		Note: THESE VASCULAR LESIONS WERE MULTIFOCAL IN CHARACTER AND	
		Note: AND APPEARED TO BE MORE THAN AND ANGIECTASIS.	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860373

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 10-5]		
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
	Pigmentation	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-3]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-3]		
* Stomach, Glandular	Inflammation	Chronic Active, Mild
* Urinary Bladder	Inflammation	Chronic Active, Minimal
* Uterus	Angiectasis	Moderate
[Angiectasis TGLS = 3-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:16

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 860372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Moderate
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
			[Fatty Change TGLS = 4-2+2.1]
			[Hepatocellular Adenoma TGLS = 5,7-2+2.1]
			[Pigmentation TGLS = 3-2+2.1]
* Lymph Node, Mesenteric	Sinus	Ectasia	Mild
		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Squamous Cell Papilloma	
			[Squamous Cell Papilloma TGLS = 6-3]
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860372

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Inflammation	Chronic, Mild
* Liver		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Moderate
		Hyperkeratosis	Moderate
		Inflammation	Chronic, Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:16
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Liver		Inflammation	Acute, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 860376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 3-2.1]	
		[Hepatocellular Carcinoma TGLS = 3,4,6-2+2.1+2.2]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860376

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 5-3]

[Hyperkeratosis TGLS = 5-3]

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Thymus

Depletion Lymphoid

Moderate

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 1-Amino-2,4-dibromoanthraquinone
 CAS Number: 81-49-2

Date Report Requested: 10/23/2014
 Time Report Requested: 02:50:17
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 169 TRT#: 6 SEX: Female DAY ON TEST: 662
 DOSE: 2.0% 71HF DISP: Dead HISTO: 860377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Lung	* Nose		

MISSING

* Esophagus	* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hematopoietic Cell Proliferation	Minimal
* Intestine Small, Duodenum		Autolysis	Moderate
* Intestine Small, Ileum		Autolysis	Mild
* Intestine Small, Jejunum		Autolysis	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Coagulative, Mild
		Pigmentation	Minimal
		[Pigmentation TGLS = 6-2+2.1]	
* Mammary Gland		Hyperplasia	Minimal
Mesentery		Inflammation	Chronic Active, Moderate
* Ovary		Abscess	Marked
	Periovarn Tiss	Inflammation	Chronic Active, Minimal
		[Abscess TGLS = 3-4.1]	
* Pancreas		Autolysis	Mild
		Inflammation	Chronic Active, Marked
		Vacuolization Cytoplasmic	Minimal
* Skin	Subcut Tiss	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169	TRT#: 6	SEX: Female	DAY ON TEST: 662
	DOSE: 2.0% 71HF	DISP: Dead	HISTO: 860377

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Depletion Lymphoid	Mild
		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-3]		
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Minimal
		Inflammation	Chronic Active, Minimal
	[Acanthosis TGLS = 5-3]		
	[Hyperkeratosis TGLS = 5-3]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Autolysis	Moderate
		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Trachea

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
Harderian Gland		Adenoma	
		Inflammation	Chronic, Minimal
<p>Note: AT NECROPSY THE EYE APPEARED TO BE ENLARGED PROBABLY Note: BECAUSE IT WAS PROPTOSED BY THE HARDERIAN GLAND ADENOMA. Note: NO SECTION OF THE EYE WAS PROVIDED. [Adenoma TGLS = 9-9]</p>			
* Kidney	Renal Tubule	Inflammation	Chronic, Mild
		Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Coagulative, Minimal
		Pigmentation	Mild
<p>[Hepatocellular Adenoma TGLS = 6,8-2.2] [Hepatocellular Carcinoma TGLS = 3,4,5,6,8-2+2.1+2.2] [Pigmentation TGLS = 7-2+2.1+2.2]</p>			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860375

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Stomach, Forestomach		Acanthosis	Minimal
		Hyperkeratosis	Mild
		Squamous Cell Papilloma	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Mild
	Arteriole	Necrosis	Fibrinoid, Mild
* Uterus		Fibrosis	Mild
	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 2.0% 71HF

DISP: Dead

HISTO: 850258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Heart		Inflammation	Chronic, Minimal
* Kidney		Inflammation	Chronic, Minimal
* Liver		Basophilic Focus	Minimal
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
		[Hepatocellular Carcinoma TGLS = 7-2]	
		[Pigmentation TGLS = 6-2]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach		Acanthosis	Moderate
		Erosion	Mild
		Hyperkeratosis	Moderate
		Hyperplasia	Basal Cell, Mild
		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	Multiple
		[Acanthosis TGLS = 8-3]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 2.0% 71HF

DISP: Dead

HISTO: 850258

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 8-3]

[Hyperplasia TGLS = 8-3]

* Thymus

Depletion Lymphoid

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Skin	* Thymus	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Gallbladder		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Mild
		Pigmentation	Mild
		[Hepatocellular Adenoma TGLS = 3,7,9-2.2+2.3]	
		[Hepatocellular Carcinoma TGLS = 3,4,5,6,7,9-2+2.1+2.2+2.3]	
		[Pigmentation TGLS = 8-2+2.1+2.2+2.3]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 10-7+7.1]	
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 2.0% 71HF	DISP: Terminal Sacrifice	HISTO: 860378

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 11-3]		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 11-3]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173	TRT#: 6	SEX: Female	DAY ON TEST: 568
	DOSE: 2.0% 71HF	DISP: Moribund	HISTO: 860197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
	[Pigmentation TGLS = 8-3]		
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 12,14,16-2+2.2]		
	[Hepatocellular Carcinoma TGLS = 13-2.1]		
	[Pigmentation TGLS = 10,17-2+2.1+2.2]		
* Lymph Node, Mandibular		Pigmentation	Minimal
	[Pigmentation TGLS = 19-5]		
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLS = 5-3]		
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Squamous Cell Papilloma	
	[Acanthosis TGLS = 15-2.2]		
	[Squamous Cell Papilloma TGLS = 15-2.2]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 6
DOSE: 2.0% 71HF

SEX: Female
DISP: Moribund

DAY ON TEST: 568
HISTO: 860197

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

* Uterus

Endometrium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: 1-Amino-2,4-dibromoanthraquinone
 CAS Number: 81-49-2

Date Report Requested: 10/23/2014
 Time Report Requested: 02:50:17
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 174 TRT#: 6 SEX: Female DAY ON TEST: 664
 DOSE: 2.0% 71HF DISP: Moribund HISTO: 860379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Skin	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Mild
* Kidney	Renal Tubule	Atrophy	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
[Pigmentation TGLS = 12-3]			
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Mild
		Necrosis	Coagulative, Mild
		Pigmentation	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Hepatocellular Adenoma TGLS = 15,16,18-2+2.5,19,20-2.1+2.2]			
[Hepatocellular Carcinoma TGLS = 15,16,17-2+2.4,19,20,21-2.1+2.2+2.3]			
[Pigmentation TGLS = 14-2+2.1+2.2+2.3+2.4+2.5]			
[Squamous Cell Carcinoma TGLS = 16,17,19-2+2.4+2.1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 8-1]			
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174	TRT#: 6 DOSE: 2.0% 71HF	SEX: Female DISP: Moribund	DAY ON TEST: 664 HISTO: 860379
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Squamous Cell Carcinoma TGLS = 11-3+5+9]		Inflammation Pigmentation Squamous Cell Carcinoma	Chronic Active, Mild Minimal Metastatic (Stomach, Forestomach)
* Ovary	Periovarn Tiss	Inflammation Squamous Cell Carcinoma	Chronic Active, Mild Metastatic (Stomach, Forestomach)
* Pancreas		Atrophy Inflammation	Minimal Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Vacuolization Cytoplasmic Hyperplasia	Mild Mild
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation Squamous Cell Carcinoma	Mild Metastatic (Stomach, Forestomach)
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 10-3.1]		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Stomach, Glandular [Squamous Cell Carcinoma TGLS = 10-3.1]		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Mild Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: WHAT WAS THOUGHT TO BE A PANCREATIC LYMPH NODE AT NECROPSY

Animal Note: MESENTERY.

Animal Note: PROBABLY WAS A METASTATIC SQUAMOUS CELL CARCINOMA IN THE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 175

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Moribund

DAY ON TEST: 596

HISTO: 852755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Thymus			

OBSERVATIONS

* Gallbladder		Inflammation	Chronic Active, Minimal
* Heart		Mineralization	Mild
Note: MINERALIZATION WAS ALSO NOTED IN THE BASE OF THE AORTA.			
* Kidney		Inflammation	Chronic, Minimal
	Papilla	Mineralization	Mild
* Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 14,16-1.1+2]		
	[Hepatocellular Carcinoma TGLS = 13-2]		
	[Pigmentation TGLS = 12-1.1+2]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hemorrhage	Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 4,5-1+1.1]		
Lymph Node	Bronchial	Sarcoma	Metastatic (Stomach, Forestomach)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
		Sarcoma	Metastatic (Stomach, Forestomach)
Mesentery		Sarcoma	Metastatic (Stomach, Forestomach)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 6

SEX: Female

DAY ON TEST: 596

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 852755

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 7-5]			
* Ovary		Cyst	Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 6-3]			
* Stomach, Forestomach		Sarcoma Squamous Cell Papilloma	
Note: THE SARCOMA IN THE FORESTOMACH IS AN EXTREMELY POORLY			
[Sarcoma TGLS = 9-3.1]			
* Stomach, Glandular		Sarcoma	
[Sarcoma TGLS = 9-3.1]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Mild Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: THE TUMOR WERE SOME NON-KERATINIZING PEARLS OF
Animal Note: AND NON-KERATINIZING SQUAMOUS CELL CARCINOMA.
Animal Note: EPITHELIUM. IT DOES NOT SEEM TO BE LOGICAL TO MAKE 3
Animal Note: TUMORS IN THE STOMACH VIZ.: SARCOMA, SQUAMOUS PAPILOMA.
Animal Note: DIFFERENTIATED ANAPLASTIC TUMOR. VISIBLE DEEP WITHIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 2.0% 71HF

DISP: Interval Sacrifice

HISTO: 84-2710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Kidney	Inflammation	Chronic, Mild
* Liver	Hepatocellular Adenoma	
	Inflammation	Chronic Active, Minimal
	Necrosis	Coagulative, Minimal
	Pigmentation	Minimal
* Salivary Glands	Inflammation	Chronic, Minimal
* Stomach, Forestomach	Acanthosis	Mild
	Hyperkeratosis	Mild
	Hyperplasia	Basal Cell, Minimal
	Inflammation	Chronic, Minimal
* Urinary Bladder	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 6

SEX: Female

DAY ON TEST: 631

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 852804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Kidney	Renal Tubule	Inflammation	Chronic, Mild
		Pigmentation	Mild
	Note: IN THE CYTOPLASM OF PROXIMAL CONVOLUTED TUBULES AND Note: FINE PARTICLES OF A GOLD/OLIVE GREEN PIGMENT WERE SEEN Note: MACROPHAGES IN THE INTERSTITIUM. [Pigmentation TGLS = 11-3]		
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 16,14,15-2+2.1] [Hepatocellular Carcinoma TGLS = 17-2.2] [Pigmentation TGLS = 13-2+2.1+2.2]		
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
	[Pigmentation TGLS = 10-5]		
* Ovary		Cyst	Multiple, Mild
	[Cyst TGLS = 5-4]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 6

SEX: Female

DAY ON TEST: 631

DOSE: 2.0% 71HF

DISP: Moribund

HISTO: 852804

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation	Chronic Active, Minimal
* Salivary Glands	Submandibul GI	Inflammation	Chronic, Mild
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 9-3.1]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: THE MARGIN OF THE SQUAMOUS CELL CARCINOMA APPEARS TO BE
Animal Note: A SQUAMOUS PAPILLOMA WHICH UNDERWENT TRANSFORMATION INTO
Animal Note: A CARCINOMA. THERE WAS MODERATE CHRONIC ACTIVE INFLAM-
Animal Note: MATION IN THE UNDERLYING TISSUES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 179

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands	
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OBSERVATIONS

* Bone Marrow	Sternal	Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney	Renal Tubule	Atrophy	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigmentation	Minimal
		[Hepatocellular Adenoma TGLS = 5,6,7,8,10-2+2.1+2.2+2.3]	
		[Hepatocellular Carcinoma TGLS = 7-2.2]	
		[Pigmentation TGLS = 4-2+2.1+2.2+2.3]	
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Nose		Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Acanthosis	Mild
		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.0% 71HF

DISP: Terminal Sacrifice

HISTO: 860380

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	
		Ulcer	Mild
[Acanthosis TGLS = 9-3.1]			
[Hyperkeratosis TGLS = 9-3.1]			
[Squamous Cell Papilloma TGLS = 9-3.1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Mild
	Epithelium	Metaplasia	Squamous, Mild
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Amino-2,4-dibromoanthraquinone

CAS Number: 81-49-2

Date Report Requested: 10/23/2014

Time Report Requested: 02:50:17

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 180

TRT#: 6

DOSE: 2.0% 71HF

SEX: Female

DISP: Dead

DAY ON TEST: 724

HISTO: 860381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Heart
* Islets, Pancreatic
* Parathyroid Gland

* Bone
* Intestine Large, Cecum
* Lung
* Salivary Glands

* Brain
* Intestine Large, Colon
* Lymph Node, Mandibular
* Trachea

* Esophagus
* Intestine Large, Rectum
* Nose
* Uterus

MISSING

* Mammary Gland

* Thymus

OBSERVATIONS

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Small, Duodenum
* Intestine Small, Ileum
* Intestine Small, Jejunum
* Kidney

Myeloid Cell, Sternal

Renal Tubule

* Liver

Hematopoietic Cell Proliferation
Hyperplasia
Autolysis
Autolysis
Autolysis
Autolysis
Inflammation
Pigmentation
Fatty Change
Hematopoietic Cell Proliferation
Hepatocellular Adenoma
Hepatocellular Carcinoma
Necrosis
Pigmentation

Mild
Moderate
Moderate
Marked
Mild
Marked
Chronic, Minimal
Minimal
Minimal
Multiple
Coagulative, Mild
Mild

[Hepatocellular Adenoma TGLS = 5,6-2.1+2.2]

[Hepatocellular Carcinoma TGLS = 7-2]

[Necrosis TGLS = 8-2+2.2]

[Pigmentation TGLS = 4-2+2.1+2.2]

Lymph Node

Pancreatic
Pancreatic

Infiltration Cellular
Pigmentation

Histiocyte, Minimal
Minimal

* Lymph Node, Mesenteric

Periovarn Tiss

Inflammation
Inflammation
Inflammation

Chronic Active, Mild
Chronic Active, Mild
Chronic Active, Mild

* Ovary

* Pancreas

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05061-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1-Amino-2,4-dibromoanthraquinone
CAS Number: 81-49-2

Date Report Requested: 10/23/2014
Time Report Requested: 02:50:17
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180	TRT#: 6 DOSE: 2.0% 71HF	SEX: Female DISP: Dead	DAY ON TEST: 724 HISTO: 860381
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Nervosa	Adenoma	
Note: THIS IS A SMALL AND UNUSUAL LESION IN THE PARS INTERMEDIA Note: PARS NERVOSA AREA.			
* Skin	Epidermis	Inflammation	Acute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-3.1]			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE